



EASTMAN



USC School
of Cinematic Arts
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films

1948 GUIDEBOOK TO
INSTRUCTIONAL FILMS

Lobster ★
DAVENPORT EASTMAN IOWA
PICTURES CO.

EASTIN PICTURES'

1948 GUIDEBOOK TO INSTRUCTIONAL FILMS

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*A List of 16mm. Sound
Films Available to
Schools Under the Eastin
School Week Rental Plan*

EASTIN PICTURES CO.
Seventh Floor, Putnam Building
DAVENPORT, IOWA

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EASTIN PICTURES'

School Week Rental Plan

We realize that no school can get the most out of an instructional film which is on hand for only a day or two. Therefore, the Eastin "School Week Rental Plan" has been devised, making it possible for you to use our films in the way recommended by leading authorities on visual education. (See page 4.)

Here are the Main Features of the School Week Rental Plan:

1. Under it, a school may rent instructional films from Eastin Pictures for a full school week, Monday through Friday, at a special "School Week Rental Rate" which is about equal to the usual one day rental rate.
2. It applies only to films listed in this Guidebook, or in supplements to it.
3. It applies only to schools, and only to films rented solely for actual classroom use.
4. It applies only to rentals which cover the five days of a single school week, beginning on Monday and ending on Friday.

How To Order

To rent films under the School Week Rental Plan, please follow these instructions:

1. Make it clear that you are ordering under this Plan. Otherwise, your order will be handled as an ordinary booking, and you will be charged the regular, higher rental rates. In such cases, retroactive adjustments cannot be made after the films are used.
2. Specify the booking date this way: "For school week beginning Monday, May 19th."
3. If your school or institution wishes to be served on an open account basis, use your official purchase order blanks or requisition forms for your orders, or enclose with your first order a separate written request from your superintendent or principal.

All accounts are due and payable in full on the tenth of the month following the use of service.

On open account orders, an itemized invoice will be mailed when the shipment is made. Keep these invoices and check them against our monthly statement, which will be mailed about the twenty-fifth of the month.

If you do not care to open an account, we will be glad to serve you on a cash with order or C.O.D. basis.

If your school requires special billings, vouchers, warrants, etc., please send full instructions and all necessary forms with your first order.

4. Do not count on getting the films until you receive our confirmation. A confirmation is always mailed within forty-eight hours after the order is received, and often much sooner. If you do not get one promptly, inquire at once.

Rates and Charges

The following charges, which are to be paid by your school, are made for the use of films under this Plan:

1. The School Week Rental Rate. This special, low rental rate is listed opposite each film title. All rates are net as quoted. There are no discounts of any kind.
2. The transportation charges. These charges, to be paid by your school, include both the delivery and the return transportation costs. Normally, both delivery and return are by parcel post. We reserve the right to use special delivery or special handling, at your expense, when we consider it necessary.
3. An insurance fee of ten cents a program. This small payment protects you against liability for film damage resulting from projection, rewinding, handling, etc. Other insurance, carried by Eastin Pictures, covers all other hazards to which films are exposed while in your possession or in transit.

Delivery and Return

The special, low School Week Rental Rate is made possible by a standardized system of film shipments which works this way:

1. The films you order will be scheduled to reach you on or before Monday of the school week for which they are booked. If the films arrive later than Monday, you may accept and use them if you wish. In this case, no price adjustment can be made,

since the School Week Rental is the lowest amount for which films can be rented for any period.

Or, if the films arrive later than Monday, you may simply return them, unused. If this is done within twenty-four hours after delivery, we will cancel all rental charges; otherwise, the full rental will be charged.

2. Films must be started back to us on Friday afternoon of the school week for which they have been booked, or earlier.

We are obliged to insist upon the prompt return of all films. Otherwise, they cannot be forwarded to the next user on schedule.

Films may not be held beyond Friday to compensate for late arrival. Hold-over charges at the higher, regular rental rates will apply in such cases. See these rates, listed below.

Stamped return labels are enclosed in parcel post shipments, making it easy for you to mail the films back to us without delay or bother. However, your responsibility does not end with affixing the label and leaving the shipment in the school office for the postman to pick up. The shipment must actually be deposited in the post office or in a regular mailbox, on Friday afternoon, or sooner.

We reserve the right to send telegrams and place telephone calls at your expense when films are not returned as scheduled.

Cancellations and Refusals

If you find it necessary to cancel or refuse film shipments, these terms will apply:

1. Bookings may be cancelled at any time before the date of shipment, and no charges of any kind will be made.
2. When cancellations are received too late to prevent shipment, and when shipments are refused without having been cancelled, the following charges will be made:

If the films are returned to us within twenty-four hours after they are received, there will be a service charge of twenty-five cents a reel (with a maximum of \$1.00), plus the delivery and return transportation charges.

If the films are retained longer than twenty-four hours, full charges will apply.

Regular Rental Rates

Given in the table below are the regular rental rates for Eastin films. These rates apply to the instructional films listed in this Guidebook under any of the following circumstances:

1. When the films are rented by users other than schools.
2. When the films are rented for periods longer than one school week, Monday through Friday.
3. When the films are rented by schools for a five day period which does not begin on a Monday.
4. When hold-over charges are made for the holding of films beyond the Friday return date.
5. When the user specifies that a combination of films are to be assembled on a large reel.
6. When the films are not used exclusively for classroom purposes.
7. When two or more schools share the use of the films, either for classroom use or for other purposes.

Where the School Week Rental is	The regular one day rental is	The regular 2-3 day rental is	The regular 4-5 day rental is	The regular 6-7 day rental is	The regular 8-9 day rental is	The regular 10-11 day rental is	The regular 12-13 day rental is	The regular 14-15 day rental is
\$1.00	\$1.00	\$1.50	\$2.00	\$2.50	\$3.00	\$3.50	\$4.00	\$4.50
1.50	1.50	2.25	3.00	3.75	4.50	5.25	6.00	6.75
2.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
2.50	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25
3.00	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50
4.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
5.00	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50
6.00	6.00	9.00	12.00	15.00	18.00	21.00	24.00	27.00

How Educators Use

INSTRUCTIONAL FILMS

These suggestions are based upon the practices found most effective by experts in the field of visual education. By following them, you can use films; not merely show them.

1. Select the Film Carefully

- Pick out the films that seem most likely to meet the needs of your students.
- Use this Guidebook to make your selections.

2. Preview the Film to be Used

- Screen the film prior to its use in the classroom.
- Know its contents first, then plan to use it in the right place, at the right time, and in the right way.

3. Make Complete Arrangements for Classroom Use of the Film

- Set up the projector and screen, and arrange the classroom before the class meets.
- Arrange for the assistance of a qualified student to operate the projector so that you can concentrate on teaching.

4. Prepare the Class; Be Sure the Students Know:

- Your purpose in showing them the film.
- Why they are seeing it and what they should especially look for.
- Why it is being presented at this particular time.
- What you expect them to learn from it.
- What you plan to do following the showing of the film.

5. Show the Film to the Class

- Show the film as a definite and integral part of the instructional period and provide time for follow-up activities.

6. Follow Up the Showing of the Film

- Discuss the film with the group in terms of your teaching purposes and what you expected them to look for.
- If skills are being taught, provide opportunity for practice as soon as possible.
- Provide opportunity for questions and comments. Be sure to clear up any misconceptions.
- Show the film a second and third time on succeeding days to clear up any questions or differences of opinion that arise, or to review and emphasize the most important points.
- Encourage further learning activities based upon the film experience.

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A List of 16mm. Sound Films

PRIMARY GRADES

Arithmetic

What Is Four?

School Week
Rental \$2.00

(No. 2282 - 16 Minutes) In terms easily understood by young children, this film conveys the abstract and concrete meanings of "four." It shows why four is used to describe a certain number of blocks, wheels, or legs, and explains why four is larger than some numbers and smaller than others. To illustrate that four of anything is always four, the film gives such examples as mixed groups of familiar objects. Simple addition and subtraction are demonstrated by means of pencils, dogs, etc. In conclusion, the film asks the children to look around and see how many members of the "four family" they can find. *A Young America Film.*

Science

What Makes Day and Night?

School Week
Rental \$1.50

(No. 2460 - 8 Minutes) Puzzled by the regular appearance of day and night, Jim and Jane ask their father whether it is light and dark all over the world at the same time. Their father, with the help of a globe and a flashlight, shows them how the earth turns on its axis, and at the same times revolves around the sun. Turning the globe, he demonstrates how the sunlight creeps across the earth, why it cannot shine on the whole earth at once, and why the sun appears to rise and set. *A Young America Film.*

What Makes Rain?

School Week
Rental \$1.50

(No. 2465 - 10 Minutes) Bobby, disappointed because rain has spoiled his picnic plans, writes to the weather man and asks, "What makes rain?" This film gives us the weather man's answer. He says that the heat of the sun evaporates water from lakes and rain puddles and even from flower beds and drying clothes. This water floats about as vapor until the air becomes cool, and then it condenses into water droplets which are collected into clouds. When the clouds become too heavy and the air becomes too cool, the rain falls. Simple comparisons and animated sequences are used to make these phenomena comprehensible to children. *A Young America Film.*

The Flow of Electricity

School Week
Rental \$1.50

(No. 2463 - 10 Minutes) Bobby and Mary ask their father to tell them what causes the lamps to light when the switch button is pressed. With the help of a battery, a wire, and a bulb, he explains the nature of an electrical circuit, and tells them why the bulb lights when the circuit is completed and goes out when it is broken. Then, enlarging upon this simple demonstration, he tells them how electricity is generated, how it is carried to their home, and how it is connected with the lamps and wall plugs, ready to give light and power whenever they are needed. *A Young America Film.*

Nature Study

Farm Animals

School Week
Rental \$2.00

(No. 1151 - 11 Minutes) Intended for the elementary grades, this film shows a day in the lives of the animals on Mr. Brown's farm. The baby animals—calves, colts, pigs, kids, and lambs—are cared for by their mothers and tended by the farmer and his son. The cows are fed, milked, and driven to pasture. The horses are fed, groomed, and harnessed for the day's work. The hogs, goats, and sheep are tended, and one of the sheep is sheared. *An Encyclopaedia Britannica Film.*

Poultry on the Farm

School Week
Rental \$2.00

(No. 2332 - 10 Minutes) Here we become acquainted with the poultry on Mr. Brown's farm. First, we meet chickens of two popular breeds, and see them roosting, eating, drinking, laying, and nesting. Next, we follow the development of chicks from the time the eggs are placed in the incubator until the young fowls are almost full grown. Then, other domestic fowls are described and pictured in typical surroundings. A mother duck takes her ducklings for their first swim. A family of geese goes into the meadow to find food. Baby turkeys are shown, as well as full grown birds almost ready for the Thanksgiving table. *An Encyclopaedia Britannica Film.*

Shep—the Farm Dog

School Week
Rental \$2.00

(No. 2331 - 10 Minutes) Shep, an attractive collie dog, has a busy day about the farm. After herding the cows to the pasture and routing the chickens from the garden, he is given a good breakfast by his youthful master, Tommy. Later, Shep pursues a woodhuck to his hole, then rejoins Tommy for a hike and a swim. He retrieves sticks and shows that he could rescue Tommy from the water if it were necessary. After the evening chores, Shep goes to his own little house for the night, but he sleeps "with one eye open—always on guard." *An Encyclopaedia Britannica Film.*

Today's Horse Farm (In Color)

School Week
Rental \$2.50

(No. 2387 - 10 Minutes) Bonnie, a beautiful white mare, is a champion draft animal. She and her stable mate, Black Mammy, live on a modern horse farm with their baby colts. In this film, we follow these admirable animals from sunup to sundown as they live their everyday lives amid colorful rural surroundings. We learn much about such things as balanced feeding, care of colts, grooming, shoeing, and sanitary housing, but more than that, we experience in some measure the feeling of knowing a horse—man's friend and helper through the ages. *A Frith Film.*

Adventures of Bunny Rabbit

School Week
Rental \$2.00

(No. 2334 - 10 Minutes) Mrs. Gray Rabbit is shown in her burrow, caring for her newly born young. Sometimes she goes out to seek food, and one day she hurries home just in time to hide her family from a fox. One of her babies, called Bunny Rabbit, soon becomes big enough to have an adventure of his own. Looking for a lettuce patch, he meets a frog, a squirrel, and a turtle. In a farmyard he sees cows, chickens, puppies, and turkeys. He finds the lettuce but is frightened by the farmer and scurries to his home in the woods. *An Encyclopaedia Britannica Film.*

Three Little Kittens

School Week
Rental \$2.00

(No. 2330 - 10 Minutes) Three frisky kittens are the stars of this film. We first see them being fed and cared for by their mother when they are only one day old. When an old hen bothers them, the mother cat carries them off to a safer place in the barn. They grow rapidly, and soon learn to drink milk, wash their faces, catch mice, climb trees, and care for themselves. They have many merry frolics, and an exciting skirmish with a dog. When they are big enough, two of them are sent to new homes and one stays on the farm. *An Encyclopaedia Britannica Film.*

Gray Squirrel

School Week
Rental \$2.00

(No. 2328 - 10 Minutes) A family of gray squirrels lives inside an old oak tree. Mrs. Squirrel feeds on tender buds, then goes home to nurse her week-old babies. Later, the tiny squirrels learn to play and climb, and their mother builds them a cool summer nest high in the tree. When six months old, the young squirrels are almost full grown. They know how to find their own food and have learned to gather acorns for future use. When winter comes, Brother Squirrel digs up the acorns he has hidden, and has a thrilling escape from his natural enemy, the red fox. *An Encyclopaedia Britannica Film.*

Primary Grades

CONTINUED

Gray Owl's Little Brother

School Week
Rental \$1.00

(No. 1226 - 10 Minutes) Gray Owl, a Canadian Indian naturalist and former trapper, has become a protector of the wild life of Canada's wilderness. This film tells of his remarkable friendship with the beavers, shyest of all creatures. When Gray Owl slaps the water with his paddle, his strange pets climb into his canoe. Close-ups show the beavers building themselves a lodge. They cut saplings with their sharp teeth, form them into a framework, and plaster them over with mud from the bed of the stream.

Black Bear Twins

School Week
Rental \$2.00

(No. 2329 - 10 Minutes) What happens when a family of campers befriend a pair of small, hungry, and mischievous bears? At first the cubs are satisfied with food which is put out for them, but soon they boldly invade the camp while the family is away. They breakfast on bacon and strawberry jam, and then romp merrily with a blanket and ball. Back in the woods, they raid a bee tree and feast upon honey—then nurse their stings in a mud puddle. When they revisit the camp, the family forgives them, and watches them swim and frolic in a near-by lake. *An Encyclopaedia Britannica Film.*

Three Little Bruins in the Woods

School Week
Rental \$1.00

(No. 1345 - 10 Minutes) The adventures of three frolicsome bear cubs, as they follow their normal life in the wilds, are covered in an interesting fashion by this film. Particularly revealing are the remarkable close-up shots of the small bears and other timid creatures of the forest, made by concealed cameramen. Among the birds and animals introduced into the picture are fox pups, twin fawns, owls, otters, terrapins, groundhogs, skunks, and raccoons.

Robin Redbreast

School Week
Rental \$2.00

(No. 2327 - 10 Minutes) Here is the pleasant story of the Robin family. Early in the spring, Father and Mother Robin are shown building their nest. After Mother has laid the eggs, Father sometimes helps to keep them warm, or feeds Mother on the nest. When the baby birds hatch, both parents feed and protect them until they are old enough to leave the nest and care for themselves. Father Robin shows that he is brave enough to attack a marauding cat, and the whole family lives happily until it is time to fly away to the Southland for the winter. *An Encyclopaedia Britannica Film.*

Song Birds of the North Woods

School Week
Rental \$1.00

(No. 1225 - 9 Minutes) This authentic record of the songs and cries of American birds was made in the Adirondack Mountains under the supervision of Dr. Arthur Allen and Albert R. Brand of Cornell University. Seen and heard are the loon, the white-throated sparrow, the hermit thrush, the magnolia warbler, the scarlet tanager, the goshawk, the woodpecker, and the chickadee. The film includes nesting and feeding scenes which are particularly well done.

No Vacancy (In Color)

School Week
Rental \$2.00

(No. 2448 - 6 Minutes) Here, beautifully photographed in color, we have a whimsical but scientifically correct drama of the sea. In a shallow ocean pool Herman, a hermit crab who has outgrown his old shell, is looking for a new home. He finds one that he likes but Humphrey the Bully decides that he wants it, too. Like all bullies, Humphrey resorts to force and manages to oust Herman. Just then Horace ambles into the scene and also takes a fancy to the shell. While Horace and Humphrey are fighting, Herman sees his chance and quietly carries off the prize.

Social Studies

Colonial Children

School Week
Rental \$2.00

(No. 2363 - 10 Minutes) Chronicling a busy day in the life of the Adams family, this film shows us the self-sufficient home life of colonial times. The setting is authentic, complete with furnishings, utensils, and clothing ordinarily seen only in museums. Recorded conversations add charm to the presentation. The day begins with a breakfast of hasty pudding. Father chops firewood while Mother weaves cloth. Neighbors come to

visit and to help make a quilt. The children work on samplers, make splint brooms, and have a reading lesson. When night falls, the family gathers to hear Father read the Scriptures. *An Encyclopaedia Britannica Film.*

Navajo Children

School Week
Rental \$2.00

(No. 2451 - 10 Minutes) This film tells us about a Navajo Indian family of the Southwest. It is spring, and the parents and their three children are leaving their winter home to go to their summer home where there is plenty of grass for their sheep and goats. Mother straps baby to the cradle board. Little Bow and Dark Eyes help father load the wagon. Then, with father driving and Little Bow herding the flock, they start their journey. Arriving at their destination, they are soon settled for the summer. Mother and Dark Eyes weave beautiful rugs, while Little Bow tends the flock. *An Encyclopaedia Britannica Film.*

Eskimo Children

School Week
Rental \$2.00

(No. 2458 - 10 Minutes) We spend a day, in this picture, with a little Eskimo girl and her small sister at their home in the Far North. We learn that life is hard in this cold, barren part of the world. The men must spend most of their time hunting and fishing, while the women are kept busy making warm clothes for the long, severe winter. Yet the people are cheerful, and their lives are happy in many respects. The film shows the way of life still followed by most Eskimos, and depicts typical houses, clothing, food, conversation, amusements, and work. *An Encyclopaedia Britannica Film.*

Children of China

School Week
Rental \$2.00

(No. 2446 - 10 Minutes) Depicting a way of life quite different from our own, this film shows us a day in the lives of a Chinese farmer and his family. They rise early and eat breakfast. Then the father and elder son go to work in the fields, while the younger son and daughter go to school in the near-by village. We see the farmers and their wives at their toil, the villagers at some of their activities, and the children at their lessons and games. Thus we learn many things about the food, clothing, conversation, habits, work, and home life of our Chinese friends. *An Encyclopaedia Britannica Film.*

Children of Holland

School Week
Rental \$2.00

(No. 2464 - 10 Minutes) On a typical farm in Holland, a boy and girl rise early in the morning to feed their chickens. Then, leaving their wooden shoes outside the door, they join their father and mother for breakfast. We hear parts of the conversation in Dutch. On their way to school the children stop at their uncle's mill and watch him grind some flour. At school they study and recite, and play jolly games at recess. Next day, the family goes to the market in the near-by town of Middleburg. Throughout the film, everyday activities, customs, and apparel are faithfully portrayed. *An Encyclopaedia Britannica Film.*

The Bus Driver

School Week
Rental \$2.00

(No. 2359 - 10 Minutes) The work of the cross-country bus driver is dramatized in this story of George's four-hundred-mile bus journey. During the trip, George watches the friendly and efficient driver as he serves the passengers, observes traffic and safety regulations, skillfully meets driving hazards, and frequently checks the condition of the bus. George also observes the activities of the bus terminal and service garage, with their constant concern for the convenience and safety of the passengers. Fellow passengers, passing traffic, and scenes along the highway also engage the attention of the keen-eyed lad. *An Encyclopaedia Britannica Film.*

The Passenger Train

School Week
Rental \$2.00

(No. 2358 - 10 Minutes) The journey of a modern, streamlined passenger train, departing from a large city and passing through a picturesque countryside, is interpreted in this film. Sequences depicting the railway station, the diesel-electric locomotive, a baggage car, a mail car, a day coach, an observation car, a dining car, and a pullman car are included. The passengers and railway employees are shown in situations which illustrate the duties of the ticket agent, gateman, baggage man, conductor, engineer, motor attendant, mail clerk, dining car cook, waiter, and pullman porter. *An Encyclopaedia Britannica Film.*

An Airplane Trip

School Week
Rental \$2.00

(No. 2356 - 10 Minutes) Dorothy and her mother take an airplane trip from Los Angeles to Salt Lake City, and this film shows us all the interesting things that Dorothy sees. While the passengers are buying their

Primary Grades

CONTINUED

tickets, the plane is being made ready. Everyone goes aboard and the pilot and co-pilot guide the plane into the air. Below, Dorothy can see cities, fields, mountains, and even clouds. The stewardess serves lunch and prepares berths for the passengers. Late in the evening, the journey ends for Dorothy and her mother, but the great plane is refueled and flies on into the night. *An Encyclopaedia Britannica Film.*

Boats

School Week
Rental \$2.00

(No. 2357 - 10 minutes) Nancy and Roger take a boat trip down the Hudson River from Albany to New York, and this film shows us what they see. They visit the pilot-house and the engine room and learn many things about river steamboats. On the river they see boats of all kinds—sailboats, cabin cruisers, speedboats, barges, houseboats, tugs, fire boats, police boats, ferryboats, and big ocean freighters. They also notice piers, lighthouses, bridges, and various landmarks along the way. When their journey is over, they see other people boarding a huge ocean liner which is about to start across the broad Atlantic. *An Encyclopaedia Britannica Film.*

The Mail

School Week
Rental \$1.00

(No. 2072 - 11 Minutes) Betty, in Los Angeles, writes a letter to her aunt in Pennsylvania. This film shows how the letter is handled from the time Betty drops it in the mail box until it is delivered to her aunt. We see it being collected from the mail box, sorted and cancelled at the post office, transported in a railway mail car, and delivered by a postman. Betty's aunt replies by air mail, special delivery, and in following this letter we see the kind of handling received by this type of mail.

The Mailman

School Week
Rental \$2.00

(No. 2473 - 10 Minutes) First, this film shows us the city postman on his important daily job. Early in the morning he reports to the post office, gets the mail for his route, and starts making his rounds. When his pack is empty, he refills it from a relay bag. As he returns to the post office, he collects outgoing mail from mail boxes along the way. Next we see the rural mailman on his route. His automobile is really a traveling post office. He delivers letters and packages, collects outgoing mail, and even sells stamps and money orders to the people on his route. *An Encyclopaedia Britannica Film.*

The Policeman

School Week
Rental \$2.00

(No. 2355 - 10 Minutes) A typical day in the life of Officer Jim Barnes, a city policeman, is depicted in this film. On duty at an intersection near a school, the officer controls automobile traffic and assists the children and other pedestrians. In the course of the day, the use of motorcycles, patrol cars, two-way radio communication, and emergency car equipment is explained and demonstrated. Throughout the film, the role of the policeman in accident prevention, rescue work, and routine law enforcement is illustrated by typical incidents. *An Encyclopaedia Britannica Film.*

The Fireman

School Week
Rental \$2.00

(No. 2354 - 10 Minutes) An eventful day in the life of Tom Briggs, a city fireman, is recorded by this film. In describing the organization and routine activities of a company of firemen in a modern city, the picture shows the men caring for their trucks, holding lifesaving drills, testing hose and ladders, etc. Then a real fire is reported and the firemen speed off in answer to the alarm, and expertly extinguish the blaze with their efficient fire-fighting apparatus. *An Encyclopaedia Britannica Film.*

Bread

School Week
Rental \$2.00

(No. 2362 - 10 Minutes) The story of bread, told by this film, begins when wheat is harvested and shipped to the flour mill. There the grains are crushed by machinery, sifted many times, and made into flour. At the bakery, flour, water, and yeast are stirred by an electric mixer. Other ingredients are added to make dough, which is placed in troughs and put in a warm room to rise. Later, other machines knead and cut the dough into loaves, and presently the loaves go into the oven to be baked. After the bread is cooled, it is sliced and wrapped for your neighborhood store. *An Encyclopaedia Britannica Film.*



Milk

School Week
Rental \$2.00

(No. 2361 - 10 Minutes) The story of milk, from the dairy farm to the breakfast table, is effectively dramatized by this film. Interesting sequences show the dairy herd in typical surroundings, the milking and care of cows, the pasteurization and bottling of milk in a modern plant, and the delivery and use of the milk in the home. Without stressing technical details, the use of machines is emphasized throughout the film to develop an appreciation of the contributions of modern technology to our everyday home life. *An Encyclopaedia Britannica Film.*

Food Store

School Week
Rental \$2.00

(No. 2360 - 10 Minutes) In this picture we follow Jack and Ann, who are helping their mother with the Saturday marketing in the local self-service store. Outside the store, the children see fresh vegetables being unloaded from trucks. Inside, after examining their shopping list, they first go to the produce counter where they select fruits and vegetables. Then, in various sections of the store, they buy frozen foods, meats, canned goods, dairy products, cereal, and bread. Finally, they line up at the cashier's counter and watch with interest as mother pays for their purchases. *An Encyclopaedia Britannica Film.*

Cotton

School Week
Rental \$2.00

(No. 2364 - 10 Minutes) On the Southern plantation owned by Freddy Hickman's father we see the fluffy cotton bolls, ripe and ready for picking. We follow each operation as the cotton is picked, both by hand and with a modern mechanical picker, and as it is taken to the gin, where the cotton fibers are separated from the seeds and baled for shipment to the mill. At the mill, the cotton is unbaled and carded, spun into yarn, and woven into cloth. The finished cotton cloth is shipped away, perhaps for use in your own home! *An Encyclopaedia Britannica Film.*

Safety

Safety To and From School

School Week
Rental \$1.00

(No. 2263 - 10 Minutes) Safe practices in going to and from school in city areas are demonstrated in an interesting and positive manner by this film. Mary and Peter are seen on their way to school, encountering various hazards. Later, their teacher, Miss Brewster, takes her class to an intersection and teaches them how to cross the street under varying conditions. Then, on their way home, the children show how well they have learned their lesson. In several sequences, traffic conditions are cleverly simulated, with bicycles, scooters, and miniature autos being used to represent real motor vehicles. *A Young America Film.*

On Two Wheels

School Week
Rental \$2.50

(No. 2395 - 14 Minutes) A juvenile traffic court hears several cases involving cycling safety. One lad, guilty of carrying another youth on his handlebars, is sentenced by the boy judge to attend a telegraph messengers' meeting where safety rules are expertly presented. A girl, whose bike is in bad condition, is sent to a former six-day bicycle racer who is the proprietor of a cycle livery. He explains the importance of keeping bicycles in good repair. A reckless rider is ordered to spend his spare time with a police officer who shows him the reasons behind traffic regulations and the results of careless riding.

SOCIAL STUDIES

Aviation and World Geography

Our Earth

School Week
Rental \$2.00

(No. 2349 - 10 Minutes) As an introduction to the study of world geography, this film first points out the importance of the fact that nearly three-fourths of the earth is covered by oceans, lakes, and streams. It then shows how greatly the land areas differ from one another, and presents typical valley, plain, plateau, desert, and mountain scenes from many parts of the world. Finally, it tells how the important products of various countries are carried far and wide by commerce and trade. Thus, from several points of view, the film reveals the effect of geographical influences upon the lives of people everywhere. *An Encyclopaedia Britannica Film.*

Shelter

School Week
Rental \$2.00

(No. 2352 - 10 Minutes) The story of shelter from the primitive hut to the modern skyscraper is reviewed in this film. We learn that an almost endless variety of structures are used as shelters in various parts of the world, including tents, cabins, automobile trailers, skin huts, igloos, adobe houses, bamboo huts, frame houses, concrete and steel apartment houses, and brick houses. Many different construction methods are illustrated, and we are shown the wealth of materials that are now available for use in building shelters. In conclusion, the problems of modern housing and slum clearance are discussed and possible solutions are outlined. *An Encyclopaedia Britannica Film.*

Clothing

School Week
Rental \$2.00

(No. 2353 - 10 Minutes) This picture shows, in an evolutionary way, how people in many parts of the world have met their needs for clothing. In the course of this explanation, it is shown that the changes which have taken place in clothing are a reflection of the ever-changing environment in which we live. Depicting primitive attempts to secure clothing, the film outlines the development of the textile art and shows how greatly our modern industrial methods have influenced the evolution of clothing. In conclusion, the spread of modern civilized clothing throughout the world is discussed. *An Encyclopaedia Britannica Film.*

Our Shrinking World

School Week
Rental \$1.50

(No. 2123 - 10 Minutes) Here we have a review of transportation and communication, stressing the gradual bringing together of all the people of the world, and showing the effect of this increasing neighborliness. The film depicts primitive ways of travel, early voyages of exploration, adaptation of steam power to railroads and steamboats, and application of gasoline engines to the automobile and airplane. Improvements in communication, through the use of the telegraph, telephone, radio, and television, are also noted. The point is made that these changes, symbolized by a steadily shrinking globe, mean that men must learn to live in mutual understanding and respect. *A Young America Film.*

The Development of Communication

School Week
Rental \$2.00

(No. 2310 - 10 Minutes) A description of the slow and uncertain methods of communication in use before the age of electricity introduces this film. The pioneer experiments of Volta, Watson, and Henry are discussed, and we are shown how these made possible the world-shattering inventions of Morse, who gave us the telegraph; of Bell, who invented the telephone; and of Marconi, who paved the way for modern radio. In conclusion, we are shown how subsequent inventions and developments have grown into a network of communication facilities which are vital to our modern civilization. *An Encyclopaedia Britannica Film.*

The Development of Transportation

School Week
Rental \$2.00

(No. 2350 - 10 Minutes) After giving us a brief outline of primitive methods of travel, this film tells the story of transportation in the United States. It shows the natural barriers which hindered the free movement of travelers and goods, and explains how these were gradually overcome by the building of roads and canals. With the application of steam power to railway trains and boats, the history of transportation entered a new era. The subsequent appearance of streamlined trains, automobiles, ocean liners, subways, super-highways, modern bridges

and tunnels, and airplanes have completely revolutionized transportation and have thereby changed the course of history. *An Encyclopaedia Britannica Film.*

The Story of Transport and Travel

School Week
Rental \$2.00

(No. 2056 - 14 Minutes) The highlights of the history of travel in the United States are chronicled by this film. The development of travel by various means of transportation, including ship, train, automobile, and airplane, is outlined, along with an account of the evolution of each type of vehicle. A lucid explanation of the principles of steam and internal combustion engines, as applied to ships and automobiles, makes up an important sequence of this film.

History of Aviation

School Week
Rental \$3.00

(No. 1110 - 29 Minutes) Here is a review of man's conquest of the air, featuring actual on-the-scene records of twenty-one historic flights. These include those of the Wright Brothers, Bleriot, the U. S. Army in France, the NC-4, Byrd and Bennett, Lindbergh, the Graf Zeppelin, Kingsford Smith, Post and Gatty, the DO-X, Italo Balbo's airfleet, Doolittle, the China Clipper, the Hindenburg. The film also shows early experiments with planes, parachutes, amphibians, aircraft carriers, autogiros, and rocket planes.

The Airliner

School Week
Rental \$2.00

(No. 1148 - 20 Minutes) In this film we are taken on a real journey by air. At the terminal, many details about air passenger service and the government control of air transport are made clear. Aboard the plane, we learn the duties of the pilot and stewardess, and are given an opportunity to examine the instruments, the radio transmitter, the safety devices, and other interesting features of the plane's construction. This film will be found especially helpful in conveying a general understanding of the operation of our domestic air lines.

The Airplane Changes Our World Map

School Week
Rental \$2.00

(No. 2351 - 10 Minutes) Our earth is a globe and therefore map makers have always found it difficult to draw or "project" its rounded surface onto flat maps. Many ways have been devised, none completely satisfactory. This film describes the Mercator, Mollweide, and Goode projections, as well as the new "polar centered map," and points out the advantages and disadvantages of each. It also makes it clear that in these days of speedy air travel, we must free our minds of misconceptions arising from conventional maps, and must think in terms of "great circle routes" when considering problems of time and distance. *An Encyclopaedia Britannica Film.*

Global Air Routes

School Week
Rental \$2.00

(No. 2077 - 16 Minutes) The recent war, as this film shows, has brought about great improvements in air transportation, but it has also revealed practical problems which we must solve and mental adjustments which we must make. On the one hand, airplanes have been improved, airports have been built, new routes have been mapped, and thousands of pilots have been trained. On the other, "freedom of the air" is still an undefined principle, Britain and America have divergent views on international competition, and Canada and Russia must learn to cooperate in pioneering aviation in the Far North. *Produced by the National Film Board of Canada.*

People

Home Sweet Home—the World Over

School Week
Rental \$1.00

(No. 2076 - 8 Minutes) With John Howard Payne's original "Home Sweet Home" in the United States as a starting point and with his immortal melody as a musical background, this picture shows typical homes in many parts of the world and tells what family life is like in those places. Among the interesting homes depicted and described in the film are dwellings in Iceland, Ceylon, Hong Kong, and Japan.

The Home Place

School Week
Rental \$4.00

(No. 2435 - 32 Minutes) Delving into the historical and spiritual significance of the "home place," this film shows us American homes of many periods and places, and reenacts homely events which once took place around them. We see sturdy New England farmhouses, "brick enders" of provincial Maryland, stately Georgian manor houses of the colonial South, plain frame buildings of the Blue Ridge region, distinctive

Dutch Colonial houses, solid Pennsylvania Dutch buildings, log cabins and early frame houses of the Midwest, dignified mansions of the Greek Revival period, colonial Creole farmhouses of old Louisiana, pueblo style buildings of the Southwest, and Spanish haciendas of California. *A U. S. Department of Agriculture Film.*

Swedes in America

School Week
Rental \$2.00

(No. 1484 - 20 Minutes) The audience accompanies Ingrid Bergman in her search for an answer to the question: Why do the Swedes get along so well in America? In seeking the answer, she visits Sweden House in New York, the American-Swedish Museum in Philadelphia, and various American communities where Swedish immigrants have settled. She learns that the Swedes are one of the great national stocks from which many present-day Americans have descended, that they have taken an honorable part in American history since colonial times, and that their contributions to our nation's greatness have been extremely important.

Tina, a Girl of Mexico (In Color)

School Week
Rental \$5.00

(No. 2391 - 16 Minutes) Tina is a teen-age Mexican girl in the small but beautiful city of Taxco, and this full-color film tells us the story of her everyday life. Tina goes marketing with her mother, helps care for her small brother, plays with friends, watches the daily tasks of neighbors, and finally goes to a fiesta with her father. We become familiar with her home, her household duties, her parents, and her friends, and in this way we learn much about the way of life of a middle-class Mexican family. *A Frith Film.*

Peoples of the Soviet Union

School Week
Rental \$3.00

(No. 2297 - 33 Minutes) This film, photographed by American cameramen, pictures the many distinct racial groups which make up the Soviet Union. It begins with the people of Moscow and Leningrad and then, in quick succession, it introduces us to the Karelians, the Armenians, the Georgians, the Tartars, the Buryat-Mongolians, the Jews, the Ukrainians, and the Uzbeks—typical examples of the more than one hundred different nationalities included in Russia's population of 190,000,000. Seeing these people in their own communities, we gain a better understanding of the pattern of life in the Soviet Union. *A Julien Bryan Production.*

How Russians Play

School Week
Rental \$2.00

(No. 2299 - 18 Minutes) In the belief that a study of the way people spend their leisure time, of their own free will, often reveals a great deal about their character, this film has been made. It pictures Russian people in their amusement parks, zoos, theaters, museums, art galleries, excursions, and camps. It follows them to the bathing beaches and goes with them on their mountain hikes. It introduces the popular Russian game, gorodki, and gives a glimpse of Russian soccer. Russians like their demonstrations to be on a grand scale and the film closes with a sequence showing an International Youth Day celebration. *A Julien Bryan Production.*

Children of Russia

School Week
Rental \$2.00

(No. 2296 - 13 Minutes) You wouldn't expect to see a dramatization of "Huckleberry Finn" in this film, but it's there because this American classic is included in the Russian school curriculum. In this film we see Russian children engaged in their typical activities—going to school, tending their gardens, marching in parades, playing their favorite games, visiting museums and art galleries, and living in the summer Pioneer camps which are comparable to our own youth camps. *A Julien Bryan Production.*

A Russian Children's Railway

School Week
Rental \$1.00

(No. 2295 - 7 Minutes) Over on the other side of the world in the U. S. S. R., is a land called Georgia, the capital of which is Tbilisi. Here the Bryan cameras have recorded for American children the story of one of the fifteen Children's Railways built by the Soviet government, not as a pure entertainment device, but as a means of furthering the interest of youngsters in railroads, thus helping solve one of Russia's major problems—transportation. The film is primarily for elementary schools but older students and adults will also enjoy it. *A Julien Bryan Production.*



Places

The Northeastern States

School Week
Rental \$2.00

(No. 2335 - 10 Minutes) Forty million people live in our Northeastern states—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, and West Virginia. This film first describes the land and the people, and then gives us a cross-section of the important occupations found in this region. It depicts typical dairy farms and truck gardens, fisheries and canneries, coal mines and oil wells, steel mills and shipyards, textile mills and shoe factories, and vast industrial plants which manufacture everything from steam engines to wrist watches. The concluding sequences deal with the region's educational and recreational advantages. *An Encyclopaedia Britannica Film.*

Maine (In Color)

School Week
Rental \$2.50

(No. 2452 - 10 Minutes) Maine, with its huge production of lumber and pulpwood, is appropriately known as the Pine Tree State. But, as this film shows, Maine also produces vast quantities of such varied commodities as potatoes, dairy products, eggs and poultry, fish and seafood, paper, textiles, and shoes. Historically and culturally, the state's resources are also great, as evidenced by its sturdy democratic institutions, its famous seats of learning, and its monuments to great men and great events of its past. Maine, unspoiled and uncrowded, has so much to offer the sportsman and vacationist that it has been aptly called the "Land of Remembered Vacations." *From the "This Land of Ours" Series.*

Vermont (In Color)

School Week
Rental \$2.50

(No. 2453 - 10 Minutes) Vermont, first state to be added to the original thirteen, has many claims upon the interest of Americans everywhere. Many of its historic places are linked with colonial or Revolutionary events, or with memories of such men as Ethan Allen and Calvin Coolidge. Its cities and villages are a charming blend of the old and the new. In industry, it can boast the largest marble and granite quarries in the nation. Agriculturally, it is famous for its dairy and poultry farms, and its unexcelled maple syrup. To the vacationist, it offers a wealth of scenic beauty and recreational opportunities. *From the "This Land of Ours" Series.*

New Hampshire (In Color)

School Week
Rental \$2.50

(No. 2454 - 10 Minutes) The small state of New Hampshire has an importance out of all proportion to its size, and this film shows why. Village greens and meeting houses symbolize the state's distinguished history and its New England democracy. Famous universities and good schools set high cultural standards. Industrial centers produce great quantities of shoes, textiles, paper, and wood products. Forests, the principal natural resource, yield lumber and pulpwood. Granite quarries furnish large amounts of building materials. Farms specialize in quality products, including milk, butter, poultry, eggs, and maple syrup. Lakes, mountains, and beaches offer ideal vacation spots and winter playgrounds. *From the "This Land of Ours" Series.*

Boston Common and Proper

School Week
Rental \$1.00

(No. 2088 - 9 Minutes) Always interesting and often picturesque are the scenes identified with Boston's storied past. Among the things we see in this film are Boston Common, the Old Statehouse, Old North Church, the site of the Battle of Lexington, Concord Bridge, Longfellow's home, and Harvard University. Each scene is accompanied by a brief commentary upon its historical or cultural importance.

Places

CONTINUED

West Point

School Week
Rental \$1.00

(No. 1323 - 10 Minutes) Here, in a film produced under the supervision of the authorities of the United States Military Academy, is West Point as seen from the inside. Interesting sequences show us historic and scenic spots at the academy, the corps of cadets on parade, and typical classroom scenes. In conclusion we are reminded that most of our generals, from Grant and Lee to Eisenhower and MacArthur, have been trained at West Point.

New York

School Week
Rental \$1.00

(No. 1465 - 9 Minutes) Here is America's largest city with most of its famous and interesting sights. We are shown the Statue of Liberty, Wall Street, the Sub-Treasury, the Stock Exchange, the City Hall, the Brooklyn and George Washington Bridges, the Bowery, Chinatown, Greenwich Village, Pennsylvania Station, the Public Library, St. Patrick's Cathedral, Rockefeller Center, Times Square, and various cultural centers. The narration gives us an indication of what each of these places means in the life of the great city.

Manhattan Waterfront

School Week
Rental \$1.00

(No. 2100 - 10 Minutes) The New York harbor, which is used by more than ten thousand ships each year, is one of the greatest and busiest in the world. On this camera tour of the waterfront, we see mile after mile of docks, cargo vessels of all sizes and nationalities, mountains of merchandise being loaded and unloaded from the ships, and great ocean liners coming to rest after their crossings. Thus, we learn the importance of this famous seaport to our national economy and world trade.

Baltimore

School Week
Rental \$1.50

(No. 2396 - 10 Minutes) Baltimore, the home of nearly a million Americans, is a city of great commercial, cultural, and historical importance. This film shows why Baltimore's excellent harbor is used by 4,000 ocean vessels every year. The world's first railway station, which still stands, gave the city an early start as a great transportation center. Johns Hopkins University and its Hospital are known the world over. Fine schools, libraries, and civic institutions dot the city. There are also many reminders of Baltimore's proud history, including old Fort McHenry with its memories of Francis Scott Key who wrote "The Star Spangled Banner."

The District of Columbia (In Color)

School Week
Rental \$2.50

(No. 2410 - 10 Minutes) Washington, the home of our federal government, has seldom been filmed to better advantage than in this full-color picture which depicts the principal attractions of the city and its environs. The three branches of government are symbolized by striking views of the White House, Capitol, and Supreme Court building. Other sequences show the buildings of the Treasury, Navy, and State Departments; the War Department's Pentagon Building; "Embassy Row"; the Mellon Art Gallery; the Smithsonian Institution; the Ford Theater; the Lincoln and Jefferson Memorials; the Washington Monument; Mount Vernon; and the Tomb of the Unknown Soldier. From the "This Land of Ours" Series.

Washington

School Week
Rental \$1.00

(No. 1171 - 10 Minutes) This camera tour of the nation's capital shows all of the principal buildings and monuments, such as the White House, the Capitol, the Washington Monument, the Lincoln Memorial, and the Library of Congress. It also presents interesting views of other less familiar places, including the Bureau of Printing and Engraving, the foreign embassies, the National Cathedral, Ford's Theater, and Rock Creek Park. The film concludes with a series of beautiful views of Washington in winter.

The Southeastern States

School Week
Rental \$2.00

(No. 2336 - 10 Minutes) Most distinctive of all the geographical subdivisions of the United States is the Southeast, comprising Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Arkansas, Louisiana, Alabama, Mississippi, Georgia, and Florida. After reviewing the rich historical background of this region, this film points out that the Southeast was formerly dependent on a few traditional crops, such as cotton and tobacco. Today, the importance of agriculture continues,

but valuable new crops and improved farming methods have been introduced. Moreover, expanding industries, abundant electrical power, and better schools are bringing prosperity to the region which gave us such men as Washington, Jefferson, and Lee. *An Encyclopaedia Britannica Film.*

Colonial Williamsburg

School Week
Rental \$1.00

(No. 1186 - 10 Minutes) Williamsburg, colonial capital of Virginia, has been restored nearly to its original state. In this film we make a tour of the charming old town. We visit such architectural gems as the Old Capitol, the Governor's Palace, the Raleigh Tavern, and other places frequented in colonial and Revolutionary times by such personages as Patrick Henry, George Washington, and Thomas Jefferson. Views of the quaint streets, beautiful gardens, and historic buildings recapture the charm of colonial America.

In Old New Orleans

School Week
Rental \$1.00

(No. 2090 - 11 Minutes) New Orleans, with its rich and varied cultural heritage, is unique among the great cities of America. This picture tells you why, and in doing so it shows you historic Canal Street, the Old Customhouse, the City Hall, the St. Louis Cathedral, old burial vaults, Pirate Alley, the French Quarter, Tulane University, old homes, river steamers, and, of course, the world famous carnival of Mardi Gras.

The Middle States

School Week
Rental \$2.00

(No. 2337 - 10 Minutes) This film is a study of the eight Middle States, comprising Minnesota, Iowa, Missouri, Wisconsin, Illinois, Michigan, Indiana, and Ohio. The geography of the region and the nature of the population is noted. The vast agricultural and industrial resources of the area are pictured, and the most important products of the farms, mines, and factories are enumerated. It is shown that a great network of highways, railways, and waterways covers the region, increasing productivity and encouraging commerce with other parts of the country. In conclusion, the social and cultural resources and traditions of the area are briefly sketched. *An Encyclopaedia Britannica Film.*

The Great Lakes (In Color)

School Week
Rental \$4.00

(No. 1463 - 20 Minutes) The immense cargoes which flow along the shipping routes and the diversified industries which stand on the shores are factors which work together to make the Great Lakes one of the mightiest industrial regions on the earth. By following the main stream of shipping between Canada and the United States, down the lakes and through the great locks and canal systems, this film brings together short sequences on steel production, paper manufacturing, ship building, grain storage, and the shipping industry itself. *Produced by the National Film Board of Canada.*

Hello, Chicago!

School Week
Rental \$1.00

(No. 2089 - 11 Minutes) The busy metropolis of the Midwest, from the pushcarts of Maxwell Street to the skyscrapers of Michigan Avenue, is the fascinating subject of this film. It includes interesting views of the Chicago River with its many bridges, the Merchandise Mart, the Civic Opera House, the Old Water Tower, the Adler Planetarium, the Field Museum, several well-known tall buildings, Soldiers' Field, and the famous Chicago Stockyards.

The Northwestern States

School Week
Rental \$2.00

(No. 2339 - 10 Minutes) The great Northwest, a land of majestic mountains, forests, rivers, plains, and cultivated land, includes the states of North Dakota, South Dakota, Nebraska, Kansas, Montana, Wyoming, Colorado, Idaho, and Utah. This film tells how the region was peopled and how its resources have been developed. Many interesting sequences are devoted to scenic wonders and recreational areas, to transportation and commerce, to mining and lumbering, and to ranching and agriculture. The fertile plains which are called the "bread-basket of the nation" are depicted in some detail. In conclusion, the film explains the role of the Northwest in our national economy. *An Encyclopaedia Britannica Film.*

Glacier National Park

School Week
Rental \$1.00

(No. 1469 - 9 Minutes) Glacier National Park, near the Canadian border of Montana, is a land of beautiful vistas, verdant forests, snow-capped peaks, abundant wild flowers, and clear streams. Bears and

Places

CONTINUED

other wild animals approach the passer-by to beg food, Indians perform their ceremonial dances, and tourists gaze in wonder at the glaciers for which the park is named. All these attractions of this mountain wonderland are effectively depicted in this film.

Utah (In Color)

School Week
Rental \$2.50

(No. 2409 - 10 Minutes) After outlining Utah's rich historical background, this film shows us the Beehive State of today. In full color, it depicts Great Salt Lake, surrounded by immense salt beds; Salt Lake City, with its famous buildings and monuments; prosperous agricultural areas, made possible by pioneer irrigation projects; enormous mines and refineries, which produce 210 different non-ferrous minerals; and renowned scenic wonders, including Zion and Bryce Canyon National Parks. Other sequences show us educational institutions, winter playgrounds, dairy farms, steel mills, salt mines, cattle and sheep ranches, fruit and vegetable canneries—convincing evidence that there is no lack of industry in Utah's beehive. From the "This Land of Ours" Series.

Bryce, Zion, Grand Canyon

School Week
Rental \$1.00

(No. 1294 - 10 Minutes) The principal points of interest in Bryce, Zion, and Grand Canyon National Parks are depicted in this scenic and informational film. In Bryce, we see spectacular examples of erosion in the form of rugged canyons and fantastic pinnacles. In Zion, we are shown a magnificent gorge with precipitous falls and strange rock formations. In Grand Canyon, we behold the breathtaking grandeur of the vast chasm which is the world's greatest example of river erosion.

The Southwestern States

School Week
Rental \$2.00

(No. 2338 - 10 Minutes) The Southwestern region embraces only four states—Oklahoma, Texas, Arizona, and New Mexico. Here descendants of aboriginal tribes and Spanish conquistadores still follow their ancient ways. Here the visitor finds prehistoric cliff dwellings and unsurpassed natural wonders. And here, on the extensive plains, plateaus, and mountains, ten million people from America's melting pot are hard at work. This picture shows them pumping and refining petroleum; growing cotton, citrus fruits, rice, wheat, corn, and vegetables; raising cattle, sheep, goats, and turkeys; and mining copper, silver, gold, zinc, and coal. Thus, a vigorous modern culture has replaced that of a bygone age. An Encyclopaedia Britannica Film.

Arizona (In Color)

School Week
Rental \$2.50

(No. 2407 - 10 Minutes) Arizona, youngest state in the union, is the home of an age-old Indian civilization, but close to the grazing lands of the Navajos are the cities of Phoenix and Tucson, the copper mines and smelters, the scenic wonders, the forests of Ponderosa pine, the irrigation dams, the farms and citrus groves, the cattle and sheep ranches, and the hospitable dude ranches—all of which are part and parcel of present-day Arizona. This beautiful film depicts these things in full color, with special emphasis upon such famous sights as the Grand Canyon and Hoover Dam. From the "This Land of Ours" Series.

The Far Western States

School Week
Rental \$2.00

(No. 2340 - 10 Minutes) The Far Western States, which include Washington, Oregon, California, and Nevada, are, as this film shows, a land of contrasts. There are people of all kinds—from every state of the Union and from nearly every nation on earth. There are many extremes of topography and climate—snowy mountains, humid forests, parched deserts, and subtropical valleys. There are abundant natural resources which are favorable to mining, oil drilling, lumbering, fruit growing, farming, dairying, ranching, fishing, and motion picture making. There are also great natural obstacles which have been overcome by the construction of mighty dams, hydroelectric plants, and irrigation systems. An Encyclopaedia Britannica Film.

California (In Color)

School Week
Rental \$2.50

(No. 2408 - 10 Minutes) An empire in itself, the Golden State presents an almost kaleidoscopic spectacle in which scenic grandeur, colorful history, immense resources, varied occupations, and expanding industries are freely mingled. This subject, beautifully filmed in full color, includes a wealth of well-organized pictorial material. Of particular interest, perhaps, are the sequences devoted to the Spanish missions, the Gold Rush and present-day mining, Los Angeles and the motion picture industry, San Francisco and its spectacular bridges, the farms

of the Imperial Valley, the citrus groves, the oil fields, the aircraft industry, the new steel mills, the Redwood Highway, and Yosemite National Park. From the "This Land of Ours" series.

California Picture Book

School Week
Rental \$1.00

(No. 1214 - 10 Minutes) A series of excellent sequences covering the high spots of the fabulous Golden State are compressed into this ten minute film. Among other things, we see fascinating Hollywood, the famous Redwood country, the parched deserts of America's deepest valleys, the snowy peaks of America's highest mountains, the historic Spanish missions, the picturesque city of Monterey, the enormous orange groves, and the spectacular Golden Gate. Few indeed are the states which could present such an interesting array of famous sights to the visitor's eye.

California Missions

School Week
Rental \$1.00

(No. 1189 - 11 Minutes) The picturesque missions of California, erected hundreds of years ago by the Franciscan Friars, were once the outposts of Spanish civilization, spaced a day's journey apart along the King's Highway, "El Camino Real." Today most of them still stand, monuments to the faith and artistry of their builders. In this film, the entire chain of missions is so beautifully depicted that it is easy to understand the fascination which these historic structures hold for all who visit the Golden State.

San Francisco

School Week
Rental \$1.00

(No. 2091 - 11 Minutes) The cosmopolitan atmosphere of San Francisco, in which the elements of a colorful past are fused with the life of a great modern city, is faithfully reflected in this picture, which shows the piers and docks, Fisherman's Wharf, Telegraph Hill, Chinatown, Market Street, the City Hall, the Mission Dolores, Golden Gate Park, the Palace of the Legion of Honor, the University of California, Alcatraz, San Francisco Bay, and even the seals at Point Lobos.

Yosemite

School Week
Rental \$1.00

(No. 1211 - 10 Minutes) The majesty of Yosemite National Park has been captured in this film, which includes striking views of Sentinel Peak, Cathedral Spires, Half Dome, and El Capitan. Other sequences show beautiful Mirror Lake and the gigantic Sequoias, said by some authorities to be the oldest of living things. Scenes taken at different times during the year reveal the magic changes which the seasons bring to this lovely region, transforming it into a serene garden of wild flowers in spring, and into an exciting sports arena in winter.

Death Valley National Monument

(In Color)

School Week
Rental \$2.50

(No. 9007 - 10 Minutes) The unique attractions of a weird and silent region, very effectively photographed in full color, are pictured in this thought-provoking treatment of Death Valley. We are shown rocks from the Archeozoic age; the Funeral Mountains and Furnace Creek; petroglyphs chiseled by stone-age man; petrified footprints of giant animals of the primordial world; Mount Whitney, highest mountain in the United States; Bad Water, lowest point in the Western Hemisphere; and the fabulous castle of Death Valley Scotty. A Simmel-Meservey Film.

The Big Ditch of Panama

School Week
Rental \$1.00

(No. 1112 - 8 Minutes) What takes place when an ocean-going vessel passes through the Panama Canal? In answering this question, this film shows the construction of the great locks, the handling of the ships during their passage through the locks, and the nature of traffic through the canal. Many of the sequences contain interesting views of the area bordering the canal, affording some idea of the difficulties encountered during its construction.

Hawaii M. Hefner Moving Image

School Week
Rental \$1.00

(No. 1466 - 9 Minutes) Here, beautifully photographed and pleasantly combined into one picture, are the things which every visitor to Hawaii wants to see. Here is the picturesque city of Honolulu with its mingling of the old and the new, the Oriental and the Occidental. Here are the beautiful flowers which seem to grow everywhere on the islands. Here are the fabled volcanoes to which the islands owe their existence. Here is famous Waikiki Beach with its surfboard riders. And, most typical of all, here are Hawaiian girls performing the traditional ceremonial dances of the islands.

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Alaska

School Week
Rental \$2.00

(No. 2341 - 10 Minutes) An animated map showing Alaska's geographical location and climatic regions introduces this film. Then separate sequences are devoted to the territory's seven great industries. We see the lumbering industry, utilizing the vast timber reserves; the fishing and canning industry, producing vast harvests of salmon; the gold mining industry, made possible by giant modern machines; the farming industry, typified by the rich farmlands of the Matanuska Valley; the transportation industry, in which the airplane plays a major role; the fur industry, meeting local needs and supplying furs for commerce; and finally the tourist industry, catering to the multitudinous visitors. *An Encyclopaedia Britannica Film.*

Look to the North

School Week
Rental \$2.00

(No. 2102 - 21 Minutes) This is a film dealing with the swift development of the Canadian Northwest. The land which is now being conquered seems destined to play an important part in the future history of the world. One cause of its importance will be the Alaska Highway which has opened many areas to settlement and exploitation. Another cause, even more significant, is the prospective development of new air routes from the Western Hemisphere to Asia and many parts of Europe. Indeed, we must look to the North for the main stream of air traffic over territory no longer untouched by man. *Produced by the National Film Board of Canada.*

Abegweit (Prince Edward Island)

School Week
Rental \$1.00

(No. 1358 - 10 Minutes) Abegweit is the age-old Indian name for Prince Edward Island, which lies off the eastern coast of Canada. It is largely agricultural, farms being devoted to the island's main crop, potatoes. The fresh, fine climate is also ideal for growing all types of cereals and fruit. In addition, there is some stock raising and fur breeding, along with fishing for lobster, herring, and mackerel. The people of the island, descended from Scottish, English, and French settlers, are ardent readers and are serviced by traveling libraries. The film ends with a panorama of Charlottetown, the capital. *Produced by the National Film Board of Canada.*

Mexico

School Week
Rental \$1.00

(No. 1180 - 10 Minutes) Many of the most interesting sights of our neighbor country to the south—things that you would want to see for yourself if you were to take a trip south of the border—are included in this film. Among these are the Floating Gardens of Xochimilco, the towering peak of Popocatepetl, the ancient ruins and relics of Aztec culture, stately cathedrals which are miracles of art and architecture, exotic flowers and tropical orchids which bloom by the wayside, and many other attractions of historic or scenic interest.

Land of Mexico

School Week
Rental \$2.00

(No. 2342 - 10 Minutes) After describing the geography and climate of Mexico, this film outlines the natural resources, the commercial activities, and the leading occupations. We learn that Mexico City and some of the urban areas of the country are thoroughly modern and partially industrialized, but that the smaller towns and rural sections still conform to the predominantly agricultural pattern of the nation's economy. We see such typical Mexican scenes as the building of an adobe house, the planting of a cactus hedge, the plowing of a corn field with oxen, and the making of baskets to be sold in the colorful village market. *An Encyclopaedia Britannica Film.*

Central America

School Week
Rental \$2.00

(No. 2343 - 10 Minutes) The story of the land and people of Central America is presented by this film. It outlines the historical background of the region, telling of the Mayan Indian civilization and the Spanish colonial period. Then, returning to the present, it describes the region in terms of geography, climate, population, agriculture, manufacturing, commerce, and transportation. In depicting the occupations of the people, the economic interdependence of Central America with other parts of the world is stressed. *An Encyclopaedia Britannica Film.*

Land of the Incas (In Color)

School Week
Rental \$2.50

(No. 2274 - 10 Minutes) Long before Columbus discovered America, the Incas of Peru had developed a civilization superior in some respects to anything the world had yet seen. Under their Emperor-God they ruled a vast empire, which enjoyed a considerable degree of culture and prosperity. They were skillful builders, and their temples and homes stand today almost unscathed by the passing centuries. In this film, we explore an ancient Inca city on a mountain top, while the narrator describes life as it was in the great days of these people. *A Simmel-Meservey Film.*

Rio de Janeiro

School Week
Rental \$1.00

(No. 2045 - 9 Minutes) Brazil's capital, a beautiful city in a magnificent setting, is interestingly presented in this film which includes sweeping panoramas of the city by day and by night, and visits to its principal sights, such as Sugar Loaf Rock, the immense harbor, Monroe Palace, the handsome parks and palm-bordered avenues, the Mangue Canal, the impressive Avenida Rio Branco and other modern streets and shopping districts, fashionable Copacabana Beach, and the colossal statue of Christ which overlooks the city.

Iceland

School Week
Rental \$1.00

(No. 2075 - 11 Minutes) Something of the stern beauty of Iceland is captured in this film which deals with the industrious people of this tiny northern republic and their almost barren island. We visit the capital city, Reykjavik, and such places of interest as the natural hot springs. We are shown the important fishing industry and are even introduced to the quaint little Icelandic ponies and the national sport, which is a strange form of wrestling.

Norway

School Week
Rental \$1.00

(No. 1136 - 10 Minutes) Norway is pictured in this film as a land of fjords and mountains, where the Norwegians wage a constant struggle to wrest a living from the soil. The reward of their resourcefulness and industry has been a high standard of living and a democratic social order. The Laplanders of northern Norway are less fortunate. Because of their harsh environment they lead a primitive existence, relying mainly upon their reindeer herds for meat, milk, leather, and many other necessities. An interesting sequence shows the midnight sun, which can be seen in summer in northern Norway.

Venice of the North (Stockholm)

School Week
Rental \$1.00

(No. 1176 - 10 Minutes) Stockholm, capital of Sweden, is a city built on islands and laced with canals. Appropriately, it is often called the Venice of the North. In this film, we make a tour of the city and visit all of the principal sights, including the medieval Old Town, modernistic apartment houses, the beautiful City Hall, the busy and picturesque waterways, and the National Theater. An interesting sequence is devoted to the art of glass decorating, which is one of Sweden's principal industries.

Dalecarlia, Heart of Sweden

School Week
Rental \$1.00

(No. 2096 - 10 Minutes) After giving us a panorama of a typical countryside in the beautiful but unproductive province of Dalecarlia, this film explains the ancient cooperative system which enables the hardy inhabitants to make a living in spite of primitive methods and poor soil. We see these industrious people busily engaged in dairying, harvesting, and threshing with scythe and flail, grinding grain by hand or in tiny water-powered mills, spinning flax, making rope, and doing woodturning. The picture closes with a review of the locally important industry of making grindstones for export to other provinces.

Glimpses of the Heart of Paris

School Week
Rental \$1.00

(No. 2098 - 10 Minutes) This film is, in effect, a tour of Paris, comparable to the sight-seeing trips taken in recent years by thousands of American soldiers. We are shown the principal sights, including the Eiffel Tower, Notre Dame Cathedral, the Palais de Justice, the Hotel de Ville, the Luxembourg Palace, the Pantheon, the gardens of the Tuileries, the Louvre and some of the art treasures it contains, the Opera, the Arc de Triomphe and Grave of the Unknown Soldier, the Basilica of the Sacre Coeur, Montmartre, and the Rue de la Paix.

Places

CONTINUED

Ancient Cities of Southern France

School Week
Rental \$1.00

(No. 2097 - 10 Minutes) Opening with a panorama of the picturesque old fortress city of Carcassonne, this film shows us several historic towns of Southern France, including Nîmes with its Roman arena and temple; Avignon where seven popes lived and ruled; Arles which dates back to Julius Caesar and still has a Roman arena and theater; and Marseilles, the great seaport, with its modern streets, sidewalk cafes, and flower markets. There are also good views of the Roman Pont de Gaule in Provence, the typical tree-lined roads, and the grim Chateau d'If which figures in the novel, "The Count of Monte Cristo."

Marseilles

School Week
Rental \$1.00

(No. 2450 - 10 Minutes) Marseilles, oldest city in western Europe, has always been a famous seaport and is one of the greatest in the world today. The old harbor is now used exclusively by small craft and the colorful life around it reflects the city's past. The great new harbor serves the ocean-going vessels of all nations and is the hub of the clean and attractive modern city. The film shows us many of the famous streets, buildings, fountains, and walks of Marseilles, and takes us on a visit to the Chateau d'If, a sixteenth century political prison.

Venice

School Week
Rental \$1.00

(No. 2475 - 10 Minutes) In the eighth century Venice was a wretched village on the tidal flats of the Adriatic, where its people had found refuge from invading tribes. Today it is one of the historic cities of the world, made doubly famous by its unique location. It covers 117 small islands, and its 150 canals are lined with magnificent palaces and historic buildings. This film shows us St. Mark's Church, the Palace of the Doges, the Grand Canal, the Rialto Bridge, the Campanile, Lido Beach, and even the incredibly narrow streets which wind back from the canals.

Poland

School Week
Rental \$2.00

(No. 2294 - 18 Minutes) This is an over-all picture of Poland—as it existed before the destruction wrought by the German invaders and as it will exist again when the current reconstruction program is completed. Primitive methods, so common in agricultural and manual labor, are contrasted with modern methods of construction in Warsaw. This contrast is typical of the pictures showing the old and new Polands throughout the film. An insight into Polish historical backgrounds and into the varied business, agricultural, educational, religious, and social life of the Polish people is afforded by this film. *A Julien Bryan Production.*

Mary Visits Poland

School Week
Rental \$1.00

(No. 2293 - 10 Minutes) Mary, a pupil in an American elementary school, returns from a visit to her grandparents in Poland. This film depicts her experiences, as she describes them in her own words to her class. She takes us into a Polish school where we see the children at their lessons and at play, into Polish homes where we note the absence of conveniences and labor-saving devices, into the fields where typical agricultural activities are in progress, into a mountain village where beautiful handicrafts are a tradition, and into the cities for glimpses of Lowicz, Krakow, Zakopane, and Gydnia. *A Julien Bryan Production.*

Damascus and Jerusalem

School Week
Rental \$1.00

(No. 2281 - 10 Minutes) Damascus, called the oldest city in the world, and Jerusalem, with its many Biblical associations, are depicted in this film. The central business district of Damascus seems quite modern, but in the older section we see native bazaars, quaint business methods, and strange modes of travel which reflect the city's long and colorful past. The Walled City of Jerusalem appears to have changed little in two thousand years. Its narrow streets, crowded houses, and vaulted market ways engage our attention as we seek out the Mount of Olives, the Church of the Holy Sepulcher, and the Wailing Wall of the Jews.

Singapore

School Week
Rental \$1.00

(No. 2461 - 10 Minutes) The story of Singapore, the greatest free port and trading center of the Far East, is depicted in this film. In 1819 the East India Company acquired an island off the tip of the Malay

Peninsula. Upon this the present metropolis, with its exceedingly varied population and immense commercial activity, has been built. We are shown the Singapore River, filled with boats; Raffles Square, named for the city's founder; the European quarter, with its shady streets and beautiful homes; and such landmarks as the Victoria Memorial Hall, the municipal building, the Governor's Mansion, the Raffles Hotel, and the Singapore Swimming Club.

Occupations

The Wheat Farmer

School Week
Rental \$2.00

(No. 2345 - 10 Minutes) The activities of a typical Midwestern wheat farmer and his family are portrayed in this film. We see the farmer, his son, and the hired laborers working the soil, planting the winter wheat, harvesting with a modern combine, and transporting the crop to the town elevator for shipment to the flour mill. The many incidental activities of farm life, such as milking, cooking, repairing fences, gardening, and livestock raising are interestingly depicted. The wholesome home life of the family and the 4-H Club activities of the children are shown in scenes in which actual conversations are realistically reproduced. *An Encyclopaedia Britannica Film.*

The Corn Farmer

School Week
Rental \$2.00

(No. 2346 - 10 Minutes) In this film we meet a typical corn farmer of the Midwest. We see him at his work, sometimes using traditional farming methods but more often employing the machines which have become essential to modern farming. From his activities we gain a knowledge of the problems involved in planting, cultivating, harvesting, crop rotation, haying, stock raising, and marketing. Reproduced conversations add reality to sequences depicting household events, a visit to a neighboring town, and a livestock auction. *An Encyclopaedia Britannica Film.*

The Truck Farmer

School Week
Rental \$2.00

(No. 2347 - 10 Minutes) In this picture we visit a Texas truck farmer who grows winter vegetables on his irrigated farm on the Rio Grande delta. The planting, irrigating, spraying, harvesting, packing, and shipping of the crops are depicted in considerable detail. Typical Mexican laborers are shown at work and in their homes. Scenes in the farmer's home depict his family life, call attention to his interests and problems, and show the living standards made possible by the application of scientific methods to truck farming. *An Encyclopaedia Britannica Film.*

The Cattleman

School Week
Rental \$2.00

(No. 2348 - 10 Minutes) Life on a large cattle ranch in a typical Western setting is the subject of this film. The activities of the owner, his family, and his hired helpers are portrayed in realistic detail. Meal-time, repairing fences, going to town, shoeing and breaking horses, herding and branding the cattle, dipping and immunizing the herd, and typical roundup scenes are faithfully depicted. Cowboy songs sung around the campfire during the roundup close the film on a pleasant traditional note. *An Encyclopaedia Britannica Film.*

The Cowboy

School Week
Rental \$2.00

(No. 1482 - 18 Minutes) When David comes from England to the American West, he expects to find the fast-shooting cowboys of fiction. Instead, he meets the hard-working men who raise much of the world's beef. In caring for their great herds, these men round up cattle for branding and inoculation, repair fences, harvest hay, save animals from winter blizzards, and drive herds to the loading station for marketing. As David learns what a cowboy is really like, he also learns how a modern Western cattle ranch operates.

A Teen-Age Farm Hand (In Color)

School Week
Rental \$2.50

(No. 2388 - 10 Minutes) This is a personal and appealing film about Ken, a farmer's son. This healthy and friendly lad performs all the tasks that a farm boy is expected to do, such as tending chickens, gathering eggs, cleaning yards, feeding and raising pigs, milking cows, harnessing horses, working the soil, raking hay, and driving tractors. From Ken's many wholesome activities, and from those of his father, mother, and sister, we learn much about everyday life on the farm. *A Frith Film.*

Occupations

CONTINUED

Bill Garman—12-Year-Old Businessman (In Color)

School Week
Rental \$2.50

(No. 2389 - 10 Minutes) Bill Garman lives on a small farm. He has his regular chores like every other farm boy, but he also has a business of his own, raising rabbits and pigs. This enterprise is entirely his own responsibility. He must carefully plan for the raising and selling of the animals, and then he must decide how he will spend, save, or reinvest the profits he makes from his ventures. This film is the interesting story of how he handles his business. *A Frith Film.*

The Lumberman (In Color)

School Week
Rental \$5.00

(No. 2392 - 20 Minutes) This beautiful color film presents a very human picture of the life and work of a lumberman in the beautiful Northwest timberland at the foot of snow-capped Mt. Hood. It gives in detail the actual procedure of felling the forest giants, transporting them to the mill, and cutting the huge logs into lumber. However, the film is most important for its social value. We learn to know intimately these reliable, hard-working men of the great forests. *A Frith Film.*

Forest Ranger

School Week
Rental \$3.00

(No. 2443 - 32 Minutes) Three thousand trained Forest Rangers are on duty in our 160 National Forests. Guarding and managing America's timberlands is not an easy job and the Ranger is always busy. He fights tree pests, plans and supervises reforestation, inspects summer ranges upon which privately owned flocks are grazed, develops recreational facilities, fights forest fires, educates the public in fire prevention, checks logging operations on government land, oversees the wild life preserves, and enforces the hunting laws. Winter and summer, the Ranger is busy with these and a dozen other jobs which are faithfully depicted in this film. *A U. S. Department of Agriculture Film.*

Men of Fire

School Week
Rental \$1.00

(No. 2276 - 10 Minutes) A short history of fire fighting, humorously presented, introduces this serious study of modern methods of preventing and extinguishing fires. Today, as the film shows, fire fighting is an exact science. Firemen are systematically trained. Equipment is designed for maximum speed and efficiency. Rescue squads and salvage crews consist of trained specialists. Where needed, mountain patrols, fire boats and other special services are provided. There is an arson squad to cooperate with the police, and a public relations unit to work with the press. Altogether, the professional firemen of today have little in common with the volunteer firemen of 1900. *A Simmel-Meservey Film.*

New England Fishermen

School Week
Rental \$2.00

(No. 2344 - 10 Minutes) The spirit of the Gloucester fisherman and the nature of his precarious occupation are revealed in this realistic film. We see the fishing boats put out to sea. As they draw near the Grand Banks, the crew prepares their lines and hooks. Fishing is done from small dories which bring their catches to the schooner to be cleaned, iced, and salted down. Fishing from a steam trawler by more modern methods is also depicted, with emphasis upon the use of mechanical equipment. When their holds are full of fish, we see both the schooner and the trawler making their way to the Boston Fish Pier, where they will market their catch. *An Encyclopaedia Britannica Film.*

Oyster Fleet

School Week
Rental \$1.00

(No. 2266 - 8 Minutes) Hundreds of people make their living from the rich oyster beds of Chesapeake Bay. This film shows us the fishing methods which are used and the important conservation measures which are in effect. We see sailboats dredging for oysters and power boats tonging for them, and learn that dredging is restricted to prevent the extinction of oysters in the area, and that a certain percentage of the shells are returned to the oyster bed to make an attractive breeding ground. In a canning plant, we see oysters being shucked by hand, cleaned with compressed air and water, and canned.

Gaspe Cod Fishermen

School Week
Rental \$1.00

(No. 1476 - 11 Minutes) Two hundred years ago French settlers on the Gaspe Peninsula of Canada founded Grande Riviere, which today boasts 700 inhabitants. Cod, which they catch in the Atlantic, are a

staple article of diet and an important source of income to the Gaspe fisherfolk. Some of the fish are marketed fresh, others are salted, smoked, or dried. Packing and selling is managed by a cooperative association in which each fisherman shares both the responsibilities and the profits. This organization deals with the markets of the world and has proved beneficial to all the people of Grande Riviere. *Produced by the National Film Board of Canada.*

Grand Manan (Herring Fishermen of Fundy)

School Week
Rental \$1.00

(No. 1477 - 10 Minutes) The island of Grand Manan is part of Canada's province of New Brunswick, and this film tells the interesting story of the herring fishermen who live there. Centuries ago, when settlers first came to the island, they discovered that the soil was poor but that the surrounding sea was rich. Ever since, they have made their living from the herring which swarm in these waters. Each fisherman builds large weirs from which the fish are seined. The larger herring are strung on poles and smoked over hardwood fires, and the smaller ones are canned as sardines. *Produced by the National Film Board of Canada.*

Fur Country (In Color)

School Week
Rental \$4.00

(No. 1483 - 22 Minutes) George McLeod is an Indian trapper of Canada. He lives with his family in the town of Moose Factory, a Hudson's Bay Company trading post on the shores of Hudson Bay. Each winter he packs his trap lines, harnesses his team of huskies to his dog sled, and goes into the Far North. There he lives in the open through days and nights of bitter cold while he sets his traps and collects the valuable pelts which are a historic source of Canada's wealth. Laden with furs, he returns home in time for the festivities of the Christmas season. *Produced by the National Film Board of Canada.*

Industries

The Story of Wheat

School Week
Rental \$1.00

(No. 2042 - 12 Minutes) A clear, concise study of wheat, "the staff of life," is given. The history of this grain is sketched, and the main production areas of the world are described. We are shown both primitive and modern methods of cultivating, harvesting, and threshing. The production of fine flour in a modern mill is depicted. Finally, we see a bakery turning out appetizing bread, cakes, and cookies. *A Knowledge Builders Film.*

Forest Treasures

School Week
Rental \$2.50

(No. 2333 - 15 Minutes) The industrial magic by which trees are turned into paper is explained by this film. Into the forest go the logging crews to cut the giant firs. They strip the trees of their bark and saw them into logs. Then they haul them by truck to a near-by river and float them down to the paper mill. There the logs are sorted, graded, and cut into smaller pieces. The pulpwood is cleaned, chopped, cooked, washed, and bleached. Finally, the soft pulp is transformed into a continuous strip of newsprint which soon becomes a huge roll, ready for the press.

Salt From the Earth

School Week
Rental \$1.50

(No. 2393 - 9 Minutes) This film takes us to the depths of an enormous salt mine in Nova Scotia, and shows us two different ways of mining this important mineral. One method is to remove blocks of salt by undercutting and blasting, much as if it were coal or ore. The other way is to dissolve the salt with a water spray and pump it to the surface in the form of brine. Above ground, the salt is processed and placed in shipping bags. Many scenes in this picture reveal that the crystal white caverns of the salt mines have an almost unearthly beauty.

The Story of Coal

School Week
Rental \$1.00

(No. 1161 - 11 Minutes) The discovery of coal in our country only 150 years ago was the beginning of America's part in an industrial revolution which has transformed the life of the world. The most important facts about this valuable mineral are explained by this film. We are shown how the coal deposits were formed in past ages, and the various different mining processes are described. The principal coal producing regions are pointed out, and many of the important uses of this fuel in the industrial world of today are graphically pictured. *A Knowledge Builders Film.*

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The Story of Steel

School Week
Rental \$1.00

(No. 1162 - 12 Minutes) The intriguing story of steel, from the time it comes from the iron mine until it is fabricated into a finished product, is graphically depicted by this film. Interesting sequences show the operation of typical mines and steel mills. In conclusion, we are shown the major importance of steel in the manufacture of such dissimilar things as watch springs, skyscrapers, and battleships. *A Knowledge Builders Film.*

The Story of Electricity

School Week
Rental \$1.00

(No. 2043 - 12 Minutes) The history of electrical knowledge is traced from the discovery of the lodestone by the Greeks in 600 B. C. Theories about the nature of electricity are briefly explained. Notable discoveries, including Franklin's experiments, Joseph Henry's motor, Morse's telegraph, and Edison's incandescent lamp are described. Scenes showing modern generating plants, transmission systems, and the myriad uses of electricity in everyday life are included in this comprehensive film. *A Knowledge Builders Film.*

Economics

The Story of Money

School Week
Rental \$2.50

(No. 2455 - 20 Minutes) This unusual film traces the history of modern monetary systems from the days of barter down to the complexities of modern banking. It shows how ancient traders paid their debts by weighing out gems and precious metals; it tells how coins were developed and delves into the romantic meanings of the symbols which are stamped upon them; and it explains how the exchange of heavy bags of coins finally yielded to the simpler method of writing a check. In conclusion, it outlines the role of the great banking houses in our modern industrial society.

To Market, to Market (In Color)

School Week
Rental \$2.50

(No. 2390 - 10 Minutes) Stressing the importance of the wholesaler or middleman, this film shows how farm produce moves from the producer to the consumer. Mr. Reed, a farmer, brings a truck load of vegetables to one of the largest wholesale markets in the United States. There he bargains with middlemen of all kinds—truck wholesalers, small stall wholesalers, commission men, and out-of-state shippers—until he has sold all his vegetables at a fair price. Then the middlemen distribute the produce to the retailers, who in turn sell it over the counter to the public. *A Frith Film.*

American History

United States

School Week
Rental \$5.00

(No. 2386 - 45 Minutes) In this film, made by the British Army for its own use, we have the interesting privilege of seeing ourselves as others see us. In a nicely contrived dramatization, it tells "something—not everything—about one of our Allies." In so doing, it gives a simplified but unbiased version of America's history, and attempts to create a true impression of the country as it exists today. Much of the value and charm of this picture lies in its objective point of view, which enables it to see real importance in many things which we have always taken for granted.

Discovery and Exploration—1492-1700

School Week
Rental \$2.00

(No. 2469 - 10 Minutes) Through the liberal use of animated maps, this film summarizes the early Spanish, French, and English explorations in North and South America. It explains that, as a result of the different goals they were seeking, each country became particularly interested in certain areas. The inevitable conflicting claims are also pointed out. Among the explorations described in the film are those of Columbus, Cortez, Pizarro, DeSoto, Coronado, Cartier, Champlain, Hudson, and Nicolet. *An Encyclopaedia Britannica Film.*



Immigration

School Week
Rental \$2.00

(No. 2476 - 10 Minutes) This film tells the story of immigration into the United States from colonial times to the present day, stressing the contributions made by people of many origins to the building of America. Among many other things, the various sequences show the motives that prompted the immigrants to leave their homelands, the admission of immigrants at Ellis Island, the difficulties of adjustment to American ways of life, and the induction of new Americans into citizenship. Animated maps are freely used throughout the picture to illustrate the origins, numbers, and movements of the immigrants. *An Encyclopaedia Britannica Film.*

The Westward Movement

School Week
Rental \$2.00

(No. 2459 - 10 Minutes) Introduced by an animated map showing the growth of the continental United States, this film goes on to explain the principal movements of native settlers and foreign immigrants after 1793. It first shows the several routes by which countless thousands reached the West—first by rivers and roads, then by canals and railroads. It then tells how the discovery of passes through the Rockies dramatically opened the Far West to gold miners and home seekers. Finally, it explains how the Great Plains, which at first had been passed over as barren land, were eventually settled. *An Encyclopaedia Britannica Film.*

American Frontiers

School Week
Rental \$1.00

(No. 2073 - 10 Minutes) In this film a series of cleverly animated maps depicts the territorial expansion of the United States, starting at the time of the American Revolution and ending with the purchase of the Virgin Islands. The westward progress of the frontier, as well as the main historical events which took place during our country's growth, are emphasized. The admission of each of the forty-eight states and the acquisition of the various territories and possessions are shown. All these events are presented in their proper chronological order, thus pointing out historical relationships which might not otherwise be apparent.

Territorial Expansion of the U. S.

School Week
Rental \$2.00

(No. 2285 - 20 Minutes) This graphic outline of the growth of the continental United States employs motion pictures, animated maps, and concise narration to depict the conflicting English, French, and Spanish claims of colonial days; the boundaries fixed by the Treaty of Paris after the Revolution; the Louisiana Purchase; the acquisition of West Florida; the establishment of our northern boundary from the Great Lakes to the Pacific; the Florida Purchase; the annexation of Texas; the acquisition of the Southwest from Mexico; and the Gadsden Purchase.

Territorial Possessions of the U. S.

School Week
Rental \$2.00

(No. 2286 - 20 Minutes) Since 1867, the American flag has been raised over many areas outside the continental United States. This film outlines the history of these places, indicates their location, and explains their importance. It covers the purchase of Alaska; the discovery of the Midway Islands; the annexation of Hawaii; the acquisition of Cuba, the Philippines, Puerto Rico, and Guam as a result of the Spanish-American War; the claiming of Wake Island; the acquisition of American Samoa by treaty; the purchase of the Canal Zone; the purchase of the Virgin Islands; and the acquisition of the many small Guano Islands.

The Story of Our Flag

School Week
Rental \$1.00

(No. 1160 - 11 Minutes) The glorious story of our National Emblem is chronicled in this film. Historical dramatizations, excellent animation, stirring music, and inspiring narration are liberally used in the sequences devoted to the British Union Jack, the various colonial flags used during the early part of the Revolution, the Grand Union or Cambridge flag,

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the adoption of the Stars and Stripes in 1777, the fifteen-stripe flag of 1794, the addition of new stars to symbolize new states, and the establishment of Flag Day by President Woodrow Wilson. *A Knowledge Builders Film.*

Our Declaration of Independence

School Week
Rental \$3.00

(No. 2033 - 22 Minutes) The American colonies become restless under the increasingly arbitrary rule of George III. Patriots boldly oppose oppressive laws, and Thomas Jefferson, supported by George Washington and Richard Henry Lee, calls the First Continental Congress, which vainly seeks reconciliation with the Crown. Dr. Benjamin Franklin returns from England with alarming news. Following the Battle of Lexington, the Second Continental Congress meets in Philadelphia. After long and anxious debate, the Declaration of Independence is written by young Thomas Jefferson, and signed on July 4, 1776.

Our Constitution

School Week
Rental \$3.00

(No. 2029 - 21 Minutes) After Independence is won, debts, disputes, and conflicting loyalties trouble the infant nation. Representatives of several states, meeting at Annapolis to discuss waterways, issue a call for a Convention to revise the Articles of Confederation. The Convention, with Washington, Franklin, Hamilton, Madison, and many other distinguished statesmen present, convenes in Philadelphia and decides to draft a new Constitution. After three months of debate and compromise, the document is completed. The states ratify the Constitution, and Washington becomes the first head of the new government.

Our Bill of Rights

School Week
Rental \$3.00

(No. 2034 - 22 Minutes) With the help of Adams, Jay, Knox, Madison, Randolph, Hamilton, and many others, Washington is putting the new American government into operation. Benjamin Franklin, retiring from public life, is given an affectionate farewell by this group. At a cabinet meeting, Madison proposes that a Bill of Rights, guaranteeing certain traditional liberties of the people, be adopted. Others contend this is only the whim of an unimportant minority. Washington decides in favor of the idea, remarking that majorities must not rule tyrannically. In due time, the Bill of Rights, in the form of ten amendments to the Constitution, is ratified.

Our Louisiana Purchase

School Week
Rental \$3.00

(No. 2037 - 22 Minutes) In 1803, the young American republic faces the unpleasant prospect of having a French colonial empire, ruled by the power-hungry Napoleon, for a western neighbor. Robert Livingston, American Ambassador in Paris, sounds out the possibility of buying part of the French North American possessions. Napoleon needs money so badly that he is willing to sell all of the vast Louisiana territory. The price, however, is a staggering one, by the standards of those days. It is then that President Thomas Jefferson asserts his leadership and adds nearly a million square miles to the original territory of the United States.

Our Monroe Doctrine

School Week
Rental \$3.00

(No. 2031 - 23 Minutes) Encouraged by the venerable Jefferson, President Monroe and his Secretary of State, John Quincy Adams, discuss ways of protecting the newly independent South American countries from European domination. Henry Clay and John Calhoun favor a forthright declaration of policy. Adams tells an Austrian emissary that America and England have recognized the independence of Spain's former colonies. Monroe writes the "Monroe Doctrine," stating that the Americas are closed to European conquest, and it becomes the "respected bulwark of our New World freedom."

Washington in Virginia

School Week
Rental \$1.00

(No. 1188 - 11 Minutes) A tour of the spots in Virginia directly connected with the life of George Washington is provided by this film. We see his birthplace at Wakefield, the place near Fredericksburg where he spent his boyhood, William and Mary College in Williamsburg where he received his certificate in surveying at the age of 17, the Shenandoah Valley where he gained much of his experience in that profession, the spot where he met Martha Custis and the church where they were married seven months later, and many other equally interesting places.

Mount Vernon

School Week
Rental \$1.00

(No. 1187 - 11 Minutes) Mount Vernon, the home of George Washington, is a dignified colonial manor house overlooking the peaceful Potomac. In this film the camera takes us on a visit to this national shrine. We are given ample opportunity to examine the beautifully landscaped grounds, the exterior and interior of the house itself, and the historical relics and furnishings which the house contains. The views are sufficiently detailed to make this subject valuable for use in connection with the study of American history.

Birthplace of America

School Week
Rental \$1.00

(No. 1234 - 9 Minutes) To a greater extent than is commonly realized, America's heritage stems from the same sources as does that of England. This film illustrates a few of the more significant memories which the two countries share. It pictures the ancestral homes, birthplaces, or early homes of many American historical figures, greatly revered in this country, who were of English birth or descent. It also shows how many of our most cherished institutions had their beginnings in England, and are in a sense part and parcel of a tradition which is as much English as American.

Remember the Alamo

School Week
Rental \$4.00

(No. 2404 - 39 Minutes) The interplay of historical forces which brought about the Texas War of Independence is the subject of this film. The year 1833 finds 30,000 American colonists in Texas, then a part of Mexico. The settlers grow restive when liberal grants and guarantees of the new Mexican Republic are repudiated by a dictatorial president, General Santa Anna. Despite the conciliatory efforts of Stephen F. Austin and other leading Texans, a rebellion develops. Santa Anna's army enters Texas, but finds its way blocked by the heroic little garrison of the Alamo. The tragic siege inspires the famous battle cry, "Remember the Alamo!" *An Eastin School Film.*

The Industrial Revolution

School Week
Rental \$2.00

(No. 2472 - 10 Minutes) Throughout the Industrial Revolution, since 1750, great inventions and great changes have gone hand in hand. This film outlines the beginning of the period in England and shows that its developments have been self-perpetuating and self-expanding. It pictures the most important of the inventions and points out the resulting changes, especially in the United States. Among the changes depicted are new industries, work specialization, population growth, expansion of cities, higher living standards, and the increased importance of agriculture. *An Encyclopaedia Britannica Film.*

The Public Life of Abraham Lincoln

School Week
Rental \$5.00

(No. 2067 - 33 Minutes) With Walter Huston as Lincoln, this film dramatizes some of the highlights of Lincoln's earlier career and then more fully depicts his life and death as President. Among the historical events included are the Lincoln-Douglas debates, Lincoln's attempts to prevent civil war, the Emancipation Proclamation, the Union victory at Winchester, General Lee's realization that the war is lost, Lincoln's conferences with Sherman and Grant, the reelection of Lincoln, and the assassination of Lincoln.

Mr. President

School Week
Rental \$1.00

(No. 2020 - 9 Minutes) This unusual film, compiled from contemporary newsreels and documentary films, shows us all of the American Presidents from William McKinley to Franklin D. Roosevelt! We see them at their inaugurations or upon other historic occasions, along with scenes depicting the highlights of their administrations. Interesting both as a historical record and as a reflection of the progress of motion picture technique, this subject can be recommended for many types of school uses.

Theodore Roosevelt

School Week
Rental \$1.00

(No. 2030 - 12 Minutes) This well-edited documentary film shows many of the highlights in the strenuous career of Theodore Roosevelt, one of our most colorful Presidents. He is shown as Assistant Secretary of the Navy, as leader of the famous Rough Riders in the Spanish-American War, as Governor of the State of New York, as Vice-President under William McKinley, and then as President of the United States.

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The Life of Franklin D. Roosevelt

School Week
Rental \$2.00

(No. 1464 - 20 Minutes) Here is a dramatic motion picture record of the unparalleled career of Franklin D. Roosevelt. It includes the highlights of his eventful life from 1910 until his sudden death in 1945. He is shown as Senator from New York in 1910, as Assistant Secretary of the Navy during the First World War, as unsuccessful candidate for the Vice-Presidency, as the two-term Governor of the State of New York, and as thirty-first President of the United States. The film includes excerpts from several of his most important speeches.

The World at War

School Week
Rental \$5.00

(No. 5575 - 48 Minutes) Ten years passed between the Japanese attack on Manchuria and the Japanese attack on the United States, and during that time war spread slowly across the world. Here is a pictorial record of that grim decade, and of the incidents that eventually brought our country into the conflict. Among other things, the film depicts the Japanese invasion of China, Hitler's rise to power, the Spanish Civil War, the Italian conquest of Ethiopia, the Munich Pact, Hitler's conquest of eight European countries, the disaster at Dunkirk, the bombing of England, Hitler's attack on Russia, the establishment of Lease-Lend, and Japan's attack on Pearl Harbor.

News Parade of the Year—1945

School Week
Rental \$1.00

(No. 1409 - 10 Minutes) Compressed into this one film are the great events of the most momentous twelve months of all times. These historic scenes include Nazi Germany's V-2 weapon, the rocket bomb; America in mourning for President Roosevelt; the succession of President Truman; the capture of Axis war criminals; the surrender of Germany; the Big Three conference at Potsdam; the atomic bombing of Japan; V-E and V-J Days, ending the Second World War; the Allied forces in Berlin; the Yanks in Tokyo; the return of the G.I.'s; and the homecoming of the U. S. Fleet.

Civics

Meet Your Federal Government

School Week
Rental \$2.50

(No. 2441 - 15 Minutes) In this film a high school boy visits Washington. There his Congressman takes him to the Library of Congress to see the Constitution, and points out that it provides for three separate branches of government, operating under a system of checks and balances. Then they visit the Capitol, the White House, and the Supreme Court and see each of the branches at work. During this tour the boy learns how Senators and Representatives are elected, how new laws are made, how the President is elected, how the executive departments operate, and how the Supreme Court functions. *A Young America Film.*

Our National Government

School Week
Rental \$1.00

(No. 1184 - 12 Minutes) This film sketches the events which led to the union of the original thirteen states, and outlines the organization of the government which was then established. Animated sequences are used in connection with actual motion pictures to illustrate the three branches of the federal government, the system of checks and balances, the operation of the presidential veto, and the final jurisdiction of the Supreme Court. *A Knowledge Builders Film.*

How a Bill Becomes a Law

School Week
Rental \$2.50

(No. 2436 - 15 Minutes) What happens after your Congressman at Washington draws up a bill and hands it to the Clerk of the House? This film tells how such a bill is referred to a committee; discussed at public hearings; debated, amended, and passed by the House; sent to the Senate; debated and amended by the Senate; revised by a Senate-House conference; finally voted upon and passed by both houses; and sent to the President and signed, thus becoming a law. The film also points out the other things which could have happened to the bill at each step of the legislative process.

Tuesday in November

School Week
Rental \$2.00

(No. 1408 - 17 Minutes) The first Tuesday after the first Monday in November has a special meaning to Americans, for upon that day in certain years we go to the polls to decide what our government is to be.

In this film, we follow the election of a President, from the nominating convention until election day. We are given an explanation of the duties and powers of the President, Vice-President, Cabinet members, Senators, Representatives, and Judges of the Supreme Court, and are shown how all of these officials are directly or indirectly chosen by the people on a Tuesday in November.

Democracy

School Week
Rental \$2.00

(No. 2457 - 10 Minutes) When is a government democratic? This film shows that shared respect and shared power are the infallible signs of democracy, and points out that a community which is growing toward democracy, rather than despotism, will invariably be able to show progress toward these democratic ideals: No discrimination against minorities. Education and opportunity for all. A large and influential middle-income group. Regular popular elections. Truly representative office holders. An effective party system. A strong opposition party. A free and responsible press. *An Encyclopaedia Britannica Film.*

Despotism

School Week
Rental \$2.00

(No. 2456 - 10 Minutes) How can we tell that a government is a despotism? This film points out that the form of government is not the determining factor. Rather, we must examine the actual workings of the government and apply certain tests to such matters as equality of opportunity, fairness of elections, freedom of the press, etc. If these tests show that respect and power are not shared fairly by the people, then we are justified in concluding that the country is ruled despotically. In conclusion, a scale is given for rating any community as to its degree of despotism or democracy. *An Encyclopaedia Britannica Film.*

The Library of Congress

School Week
Rental \$2.00

(No. 1410 - 20 Minutes) The Library of Congress is one of the world's great libraries. It houses many priceless original documents—the Declaration of Independence, the Constitution of the United States, a Gutenberg Bible, a musical score by Beethoven. In this film, after seeing these precious relics, we learn much about the varied activities of the Library, which include cataloging and storing millions of books, lending books to government officials and to the public, exchanging publications with the principal libraries of the world, recording and preserving American folk songs, and preparing talking books for the blind.

The Town

School Week
Rental \$1.00

(No. 1485 - 11 Minutes) Madison, Indiana, a typical Midwestern city, is "The Town." Living in it are people of all races, nationalities, and religious beliefs, and all of these have left their imprint upon the town. In this film study of Madison, it is made clear that the town is the United States in miniature. Like the United States, the town receives from its people many cultural heritages of the Old World, and imparts to its people such ideals of the New World as religious freedom, free education, freedom of the press, freedom of initiative, and democratic self-government.

Growth of Cities

School Week
Rental \$2.00

(No. 2467 - 10 Minutes) The factors which are favorable to the growth of a city are explained by this film. Animated diagrams show the increase in population of cities in the United States, and the proportionate growth of urban and rural populations. Circumstances which encourage the centralization of population and industry are compared with those which bring decentralization. The complications arising from increasing centralization are pointed out, and planned cities are contrasted with others which were allowed to grow haphazardly. *An Encyclopaedia Britannica Film.*

of Cinematic Arts The City

School Week
Rental \$3.00

(No. 2122 - 34 Minutes) This powerful documentary film contrasts planned communities with cities which "just grew." On the one hand, it shows that at present most of our cities and factory towns are crowded, noisy, and sunless. On the other, it singles out model communities like Greenbelt, Maryland, and Radburn, New Jersey, to show that cities can create a feeling of space, cleanliness, and good living. In such places, the workers live conveniently near the factories, and yet have pleasant homes and apartments, surrounded by grass and trees, and easily accessible to playgrounds for the children and various facilities for the adults.

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"We, the Peoples . . ."**School Week
Rental \$1.50**

(No. 2071 - 8 Minutes) The purpose of this film is to show that the peoples of the world have always wanted security, justice, decent living standards, and respect for basic human rights, and to explain how the United Nations will attempt to fulfill these fundamental human needs through the operation of its six major organizations, which are the General Assembly, the Security Council, the Economic and Social Council, the Trusteeship Council, the International Court of Justice, and the Secretariat. In conclusion, the film emphasizes our responsibility in making the United Nations Charter work. *A Young America Film.*

Conservation**Conservation of Natural Resources****School Week
Rental \$2.00**

(No. 2311 - 10 Minutes) A forceful review of the results of waste and inefficiency in the exploitation of our natural resources opens this film. We are shown the wastefulness and carelessness which depleted or destroyed our forests. Similarly, we learn that vast quantities of crude oil were formerly wasted by careless and dangerous drilling methods. Likewise, we see that inefficient farming methods resulted in soil erosion, soil depletion, and destruction of wild life. In conclusion, the film depicts the conservation methods which are now being employed in an effort to preserve our natural resources for the use and enjoyment of future generations. *An Encyclopaedia Britannica Film.*

A Heritage We Guard**School Week
Rental \$3.00**

(No. 2258 - 32 Minutes) Two of America's most valuable heritages are her rich soil and her wild life, but we have been slow in learning this fact. This film describes a series of tragic events. First, the forests and grasslands were destroyed. Then, the top soil was washed away, clogging the rivers with silt. Next, the wild animals, water fowl, and fish began to disappear. Finally, insect pests and rodents began to flourish as never before. Now, ways have been found to reverse this ominous trend, and soil conservation and wild life conservation are going forward hand in hand.

Realm of the Wild (In Color)**School Week
Rental \$6.00**

(No. 2265 - 25 Minutes) Filmed in full color by the U. S. Forest Service, this remarkable picture shows America's wild animals and birds among the rocky cliffs, mountain streams, and snowy glades of our national forests. It abounds in unusual sequences. One of these pictures two big horn rams fighting for leadership of the flock; another shows how the protective coloration of the ptarmigan changes with the seasons. Among the animals depicted are the moose, elk, deer, antelope, mountain goat, coyote, bobcat, mountain lion, snowshoe rabbit, gray squirrel, porcupine, ptarmigan, sage grouse, golden eagle, titmouse, chickadee, and even the tiny humming bird.

Vanishing Herds**School Week
Rental \$2.00**

(No. 2259 - 14 Minutes) A boy and girl ask their grandfather, a member of the Forest Service, to tell them what "extinct" means. In this film, he gives them his answer, and shows them what the Forest Service is doing to protect our native wild life. Together with the two youngsters, we learn that the national parks were set aside to provide homes for buffalo, elk, deer, and other animals. There, assisted and protected by the Forest Service, the animals are unmolested by hunters, and are able to find natural feeding and breeding grounds where they can live and multiply in peace.

Return of the Buffalo**School Week
Rental \$1.00**

(No. 1227 - 10 Minutes) This film reconstructs the story of the buffalo, or American bison, from Indian times until the present day. It shows how the buffalo provided food, clothing, and shelter for the Indian tribes, and pictures the practices by which the white man brought about the virtual extinction of the great herds which once roamed the plains. In conclusion, it tells of the success achieved by the United States and Canada in their joint efforts to save the buffalo. Sizable herds are shown grazing on the reserves set aside as places for them to live and multiply in peace.

Salmon Run (In Color)**School Week
Rental \$5.00**

(No. 2403 - 20 Minutes) The great fishing and canning industry of the Pacific Northwest depends to a large extent upon the Fraser River salmon run, which takes place each fall when millions of Sockeye salmon resort to their spawning grounds in the upper reaches of that stream. When a landslide created rapids which many of the fish were unable to pass, the Sockeyes seemed in danger of extinction until American and Canadian engineers and biologists attacked the problem. Now the run is increasing. The route of the fish, their spawning habits, and the return of the young salmon to the ocean are pictured. *Produced by the National Film Board of Canada.*

The River**School Week
Rental \$3.00**

(No. 1403 - 32 Minutes) This classic documentary film, written and directed by Pare Lorentz, tells the story of the Mississippi River in sequences which combine dramatic impact with an almost poetic charm. It shows how the wasteful exploitation of the river valley brought early prosperity to half a continent, but eventually resulted in floods, soil depletion, and land erosion which impoverished many parts of the area. Now, in the once-rich valley, a new generation has grown up, ill-clad, ill-fed, ill-housed. The path of rehabilitation is pointed out so forcefully that those who see the picture will be moved to action. *A U. S. Department of Agriculture Film.*

Human Relationships**You and Your Family****School Week
Rental \$1.00**

(No. 2269 - 9 Minutes) How should young people and their parents feel and act toward one another in the everyday business of living together? This film explores some of the difficulties which arise in an average family, offering material for discussion rather than arbitrary solutions. Among the problems presented are those of Mary, a teen-age daughter who is still too young to go out of town on a date; of George, the youngster who is expected to help with the housework and chores; and of Bill, the older son who stays out later than his father thinks he should. *From the "Art of Living" Series.*

You and Your Friends**School Week
Rental \$1.00**

(No. 2270 - 9 Minutes) The action of this film takes place in a modest home where a number of teen-age boys and girls are having a friendly party—dancing, eating, talking, making dates, and generally enjoying themselves. The members of the audience are asked to evaluate for themselves the types of behavior shown in the various scenes. Friendly courtesy is contrasted with self-centered bad manners, loyalty to a friend is compared with behind-the-back criticism, the respecting of confidences is contrasted with malicious gossip, and the breaking of a date for selfish reasons is compared with dependability in keeping engagements. *From the "Art of Living" Series.*

Youth in Crisis**School Week
Rental \$2.00**

(No. 2053 - 20 Minutes) This film deals with the problems caused by the dislocation of families and family life as a result of the war, particularly as they affect children and adolescents. It includes interviews with persons prominent in the fields of child welfare and psychology. It shows, by means of graphs, how downward trends in the frequency of crimes involving persons under twenty-one years of age abruptly reversed themselves beginning with 1942. It then pictures what certain communities have done to assure adequate, wholesome recreational facilities to their boys and girls of high school age. *A March of Time Production.*

Boy in Court**School Week
Rental \$1.00**

(No. 2032 - 10 Minutes) Here the social advantages of an intelligent parole system in the juvenile courts are clearly shown. It is the dramatic story of a boy named Johnny and a stolen car. Johnny might have been sent to prison. To society's credit, he is not. His environment is investigated, and a parole program that brings him the proper activities and associations is mapped out and followed until the boy's rehabilitation is effected. *Produced by the National Probation Association.*

How Do You Do**School Week
Rental \$2.50**

(No. 2466 - 15 Minutes) How would you introduce a boy or a girl to your parents? And how would you introduce a man and a woman, or

Human Relationships

CONTINUED

two boys, or a boy and a girl to each other? This film shows us the plight of a typical high school girl who finds that she must introduce her friends to her parents, her teacher to her parents, and her friends to each other, and realizes that she does not know how to handle the situation correctly. It then demonstrates how all such introductions should be made, and how they should be acknowledged. *A Young America Film.*

Dinner Party (In Color)

School Week
Rental \$5.00

(No. 1478 - 18 Minutes) Proper table etiquette is dramatized by a group of teen-agers at a dinner party. During a conventional three course dinner questions are raised as to serving, eating soup, cutting food, carrying on a conversation, handling mistakes, and many other points. This film will be found especially valuable as a starting point for a class discussion or study project dealing with good manners and polite behavior. *A Simmel-Meservey Film.*

Review of Dinner Party (In Color)

School Week
Rental \$2.00

(No. 2080 - 6 Minutes) The popular film "Dinner Party" raises many questions of good manners in addition to those definitely answered in the picture. This second film deals with some of these questions and offers many helpful pointers. It is suggested that this picture can be used to good advantage either with "Dinner Party" or as a concluding feature of a study project in which "Dinner Party" has previously been used. *A Simmel-Meservey Film.*

Junior Prom (In Color)

School Week
Rental \$5.00

(No. 2101 - 22 Minutes) Using believable and natural situations, this film sets a high standard of positive behavior for teen-age youth. Two high school couples double-date for the Junior Prom and incidentally learn a lot about invitations, dress, preparations for the party, corsages, meeting parents, conversations, greeting sponsors, use of programs, exchanging dances, refreshments, leave-taking, the after-party supper, and farewells. An interesting little story is woven into the film, adding a slightly dramatic flavor that young people will relish. *A Simmel-Meservey Film.*

Let's Give a Tea (In Color)

School Week
Rental \$5.00

(No. 2432 - 22 Minutes) Three girls are named as a committee to plan a Mother-Daughter tea for their high school club. As they proceed, hesitantly at first but with growing enthusiasm, they learn how to issue invitations, what entertainment to offer, how to dress for the occasion, and how to receive and serve the guests. The tea, of course, is a complete success. *A Simmel-Meservey Film.*

Arranging the Tea Table (In Color)

School Week
Rental \$2.50

(No. 2434 - 7 Minutes) The secret of good manners, according to this film, is "treating others as you would want them to treat you." Aided by an experienced hostess, a high school girl sets a tea table, with properly chosen cloth, centerpiece, and candelabra. The tea things, food, china, and silverware are properly placed, with careful attention to beauty of arrangement, ease in serving, and consideration for guests. *A Simmel-Meservey Film.*

Arranging the Buffet Supper (In Color)

School Week
Rental \$2.50

(No. 2433 - 5 Minutes) Expensive preparations are less important to the success of a social occasion than sincere consideration for the guests. In this film, June plans a simple buffet supper and arranges the table and sideboard. She learns what to serve; which tablecloth and centerpiece to use; and how to arrange the food, drink, china, silver, and napkins to that the guests can serve themselves easily and quickly. *A Simmel-Meservey Film.*

The World We Want to Live In

School Week
Rental \$1.00

(No. 2085 - 10 Minutes) This film first points out some of the forms of intolerance which exist in the United States. Then it presents four distinguished Americans, Charles Evans Hughes, Al Smith, Eddie Cantor, and Wendell Wilkie, who make eloquent pleas for increased understanding and cooperation between the many racial and religious groups which make up our country.

Of These Our People

School Week
Rental \$2.50

(No. 2401 - 18 Minutes) This sincere and modest film is offered as a "ray of sunshine" piercing the clouds of ignorance and prejudice which surround the so-called Jewish problem. It dwells upon the many outstanding Jews who have places in American history as colonial citizens, Revolutionary patriots, leaders in humanitarian movements, and soldiers of every war. Present-day Jews, both the prominent and the humble, are shown as scientists, farmers, authors, athletes, artists, tailors, musicians, machinists, physicians, actors, returning veterans, etc. The picture closes with George Washington's eloquent plea for the happiness and safety of "the Stock of Abraham who dwell in this land."

Cradles of Creed

School Week
Rental \$1.00

(No. 2074 - 9 Minutes) The great religious faiths of mankind are the subject of this film, which explains the fundamental differences between Hinduism, Buddhism, Judaism, Christianity, and Mohammedanism, and pictures the religious customs, ceremonies, temples, and places of worship in the countries where these beliefs originally arose and are strongest today. In a sense, the film is a plea for mutual understanding and tolerance among the adherents of these ancient and important creeds.

SCIENCE AND HEALTH

General Science

A Trip to the Sky

School Week
Rental \$1.00

(No. 1158 - 12 Minutes) This picture briefly outlines the growth of astronomical knowledge and takes us on an imaginary journey through the universe as it is known today. It presents beautiful and highly realistic views which include the earth in space, the surface of the moon, a Martian landscape, Saturn with its rings and many satellites, Alpha Centauri, a nebula, a star cluster, and the universe from the depths of space.

The Earth and Its Seasons

School Week
Rental \$1.00

(No. 2061 - 12 Minutes) What brings about the seasonal changes of weather which have such a pronounced effect upon our surroundings, and upon our everyday lives? This film combines motion picture photography, animated drawings, and simple explanations to show clearly why we have changes of seasons. It defines the vernal and autumnal equinoxes and the summer and winter solstices, and clearly explains the seasonal changes which result from the tilt of the earth, the rotation of the earth on its axis, the revolution of the earth around the sun, the roundness of the earth, and the atmosphere surrounding the earth. *A Knowledge Builders Film.*

The Weather

School Week
Rental \$2.00

(No. 2308 - 10 Minutes) A great deal of information about weather and weather forecasting is compressed into this short but comprehensive film. After touching upon the importance of weather in many human activities, the picture shows us the instruments commonly used in observing and recording the temperature, humidity, barometric pressure, and wind movements of the atmosphere. The fundamentals of weather forecasting are then discussed and explained by means of animated sequences and actual photographs which illustrate solar radiation, atmospheric circulation, the polar front, wave cyclones, and cloud formation. *An Encyclopaedia Britannica Film.*

The Atmosphere and Its Circulation

School Week
Rental \$2.00

(No. 2309 - 10 Minutes) The composition, distribution, and circulation of the atmosphere are set forth in this film, and made doubly clear by the generous use of excellent animated drawings. Among the specific points covered are the chemical composition of air; the weight, depth, and divisions of the atmosphere; the distinguishing characteristics of the troposphere and stratosphere; the principles of pressure areas and pressure belts; the behavior of surface winds and winds aloft; and the operation of the circulation system. The film closes with an outline of the factors which determine weather and climate. *An Encyclopaedia Britannica Film.*

CONTINUED

The Work of the Atmosphere

School Week
Rental \$2.00

(No. 2305 - 10 Minutes) Among the powerful forces which are at work, continually reshaping the surface of the earth, one of the most important is the atmosphere. In this film we see the atmosphere at work, either alone or aided by the other elements. We are shown how it transports vast clouds of water vapor, disintegrates rocks and soil, carves out great rock formations, carries dust and volcanic ash for enormous distances, lays down sand dunes and loess deposits, builds up beds of clay, and plays a leading part in the creation of the fertile soil which sustains all plant and animal life. *An Encyclopaedia Britannica Film.*

Geological Work of Ice

School Week
Rental \$2.00

(No. 2306 - 10 Minutes) The peculiar properties of ice make it one of nature's most effective tools. As this film shows, much geological work is done by the ice produced by seasonal temperature changes. Other extremely important work is done by glaciers. This film depicts many glaciers and glaciated areas and explains how these great masses of ice accumulate, how they move, and how they affect the surfaces they pass over. In conclusion, the film describes the ice sheets of Greenland and Antarctica, and sketches the geological history of the Pleistocene period, during which North America was last invaded by such an ice sheet. *An Encyclopaedia Britannica Film.*

Ground Water

School Week
Rental \$2.00

(No. 2304 - 10 Minutes) This film shows how ground water accumulates, how it percolates the porous layers of the earth's crust, and how it eventually reappears on the surface. The meaning of "water table" is illustrated, and both motion pictures and animated diagrams are used to explain the formation of ordinary wells and springs, artesian wells, hot springs, geysers, underground caverns, sink holes, and natural bridges. The enormously important work of ground water in dissolving, carrying, and depositing minerals is explained in sequences dealing with geodes, stalactites and stalagmites, travertine and carbonate deposits, plant and animal fossils, and rich deposits of iron ore. *An Encyclopaedia Britannica Film.*

The Work of Rivers

School Week
Rental \$2.00

(No. 2303 - 10 Minutes) Of the several tremendous forces which are working to reduce all land to sea level, the most important is running water. This film explains the unending water cycle of evaporation, precipitation, and erosion. It shows how streams are formed, and illustrates the changes that take place as they gradually progress through youth, maturity, and old age. Actual motion pictures, relief models, stream table models, topographic maps, and animated drawings are used to explain the formation of valleys, flood plains, peneplains, waterfalls, meandering rivers, oxbow lakes, rejuvenated rivers, entrenched meanders, water gaps, alluvial fans, sandbars, and deltas. *An Encyclopaedia Britannica Film.*

Volcanoes in Action

School Week
Rental \$2.00

(No. 2471 - 10 Minutes) The center of our earth, this film explains, is composed largely of magma, or molten rock. Ordinarily, the magma is confined by the terrific pressure of the earth's crust, but occasionally a break allows it to flow upward. When this happens, there may be a volcanic eruption—one of nature's most awe-inspiring spectacles. Animated sketches show us how typical volcanoes are formed, and how they build cones of ash and lava, or of lava alone. Actual pictures portray extinct volcanoes in the United States and active ones in the Pacific Ocean. *An Encyclopaedia Britannica Film.*

The Mysteries of Water

School Week
Rental \$1.00

(No. 1159 - 11 Minutes) This film deals with water and with its many important roles, sometimes as man's friend and sometimes as his enemy. Using animated drawings and well-selected motion picture sequences it first portrays water as a worker, helping man to build, and then depicts this same element as a destroyer, tearing down the products of man's labors. The important functions of water as a chemical are described, and we are shown how nature employs it in many infinitely important processes. Finally, the film describes the ways in which human beings and all plants and animals are dependent upon water for their very existence. *A Knowledge Builders Film.*

Water Power

School Week
Rental \$2.00

(No. 2312 - 10 Minutes) After showing how potential water power is created, this film depicts the history of water power in the United States, from the small grist mill of the early colonists to Hoover Dam and the Tennessee Valley Authority. Views of modern turbines, generators, and electrical distribution systems illustrate the important role played by electrical power in the home, on the farm, and in the industrial establishments of America. The picture closes with a quick survey of potential water power throughout the world, proving that the primitive life of many regions could be revolutionized through the harnessing of available water power. *An Encyclopaedia Britannica Film.*

City Water Supply

School Week
Rental \$2.00

(No. 2313 - 10 Minutes) After an opening sequence which interprets the connection between water and life, this film discusses various sources of water, including springs, wells, rivers, lakes, and watersheds. As an illustration of a great modern water system, the watersheds and aqueducts which serve New York are depicted in some detail. The methods of testing, treating, and safeguarding the water supply are pictured. In conclusion, the tunnels, risers, mains, service connections, and special pumps are depicted, showing how the water is brought to the most remote homes and tallest buildings, and a brief outline reveals the many ways the water is used. *An Encyclopaedia Britannica Film.*

Simple Machines

School Week
Rental \$2.00

(No. 2307 - 10 Minutes) Through the free use of animated drawings in connection with actual motion pictures, this film depicts and illustrates the principles of simple machines, including the inclined plane, the wedge, the screw, the lever, the windlass, and the pulley. It is shown that the fundamental principles of these devices are used in the most complex modern machines. This film conveys an understanding of abstract mechanical principles, and it pictures the historical uses as well as the modern applications of the devices which are described. *An Encyclopaedia Britannica Film.*

The Chemistry of Fire

School Week
Rental \$2.00

(No. 2084 - 20 Minutes) By means of well-chosen experiments and animated diagrams, this film illustrates the vaporization of wood, coal, paper, and other fuels, shows how oxygen supports combustion in ordinary fires and in such special applications as the cutting torch, compares the "flash points" and "ignition points" of several combustible substances, and clearly explains why fires can be started only with the right combinations of fuel, oxygen, and heat. *A U. S. Navy Training Film.*

Distillation

School Week
Rental \$1.00

(No. 2283 - 13 Minutes) The distillation processes by which crude oil is broken down into various petroleum products are clearly demonstrated and explained by this film. Animation is used to show that the carbon and hydrogen atoms of the crude oil can be put together in an almost endless number of combinations. It is then shown how various combinations can be separated from the crude oil by distillation. Fractional distillation is explained, and the separation of two liquids and a crystal is demonstrated on a laboratory scale. Animated sequences show how a fractionating tower operates, separating petroleum into many different kinds of fuels.

Origin and Synthesis of Plastics Materials

School Week
Rental \$2.00

(No. 2070 - 16 Minutes) In explaining the origin of plastics materials, this film likens them to wood, which is a "natural plastic" synthesized from elements in soil, water, and air through the energy of sunlight. It then demonstrates on a laboratory scale the synthesizing of two modern plastics materials, phenol-formaldehyde resin and polystyrene, and shows how they are compounded, molded, and shaped into such products as radio cabinets and dial faces. The important differences in the properties of thermosetting and thermoplastic materials are explained. In conclusion, the great variety of plastics materials, their many different properties, and their innumerable uses are emphasized. *A U. S. Office of Education Film.*

How You See It

School Week
Rental \$1.50

(No. 2400 - 8 Minutes) Though motion pictures are a part of our everyday lives, many people do not understand exactly what "makes them work." By means of animated diagrams, actual pictures and non-technical explanations, this film first deals with the human eye, showing

that it has a property known as "persistence of vision." Then it depicts the fundamentals of the motion picture projector mechanism, and shows how it cooperates with the eye in producing the illusion of motion.

Radio Antennas (Creation and Behavior of Radio Waves)

School Week
Rental \$1.50

(No. 2264 - 11 Minutes) Radio antennas of many different types are depicted, and the creation and behavior of radio waves are explained by means of animated diagrams. Among the points covered are the electrical principles of radio waves, the differences between high and low frequency transmission, the characteristics of ground waves and sky waves, the deflection of radio waves in space, the explanation of "skip distances," and the ways in which waves may be weakened or distorted through interference. *A. U. S. Office of Education Film.*

Principles of Refrigeration

School Week
Rental \$2.00

(No. 1459 - 22 Minutes) The basic physics of heat transfer are explained by this film, and both the compression and absorption systems of refrigeration are clearly demonstrated by animated sequences which show how the heat is absorbed from the food and transferred from the inside of the refrigerator to the outside. Among the terms discussed and defined in their relation to refrigeration are sensible heat, latent heat, latent heat of fusion, latent heat of vaporization, conduction, convection, and radiation. *A. U. S. Office of Education Film.*

The Slide Rule (Multiplication and Division)

School Week
Rental \$2.00

(No. 1380 - 21 Minutes) This motion picture is designed for groups having little or no familiarity with the slide rule. It shows the purpose of the slide rule, the parts of the slide rule, the use of the "C" and "D" scales, the use of the left and right indexes, the reading of the primary, secondary, and tertiary divisions, the need for supplying ciphers and decimals mentally, the procedure in estimating scale positions, multiplication procedure, division procedure, and procedure in combined division and multiplication. *A. U. S. Office of Education Film.*

The Slide Rule (Proportion, Percentage, Squares, and Square Roots)

School Week
Rental \$2.00

(No. 1384 - 21 Minutes) This film is designed for groups already familiar with the reading of the "C" and "D" scales and their use for multiplication and division. Preferably, groups using this picture should know the principles covered in the film entitled "The Slide Rule (Multiplication and Division)." Building upon that picture, this film first reviews multiplication and division procedure and then proceeds to tell how to solve problems in proportion, how to obtain percentages, how to read the "A" and "B" scales, how to obtain squares and square roots, and how to solve for the unknown side of a right-angle triangle. *A. U. S. Office of Education Film.*

The Electron (An Introduction)

School Week
Rental \$2.00

(No. 1399 - 16 Minutes) Using nontechnical explanations and animated drawings, this film gives us the basic facts about the extremely minute particles called electrons. After describing the nature of electrons, it shows how electrons move through a conductor in the form of electric current, how electromotive force is produced by the mutual repulsion of electrons, how the flow of electrons is controlled by electromotive force and circuit resistance, how direct and alternating current is produced by different types of electron flow, how the moving electrons produce a magnetic field, and how magnetic fields are employed in electromagnets and simple transformers. *A. U. S. Office of Education Film.*

The Diode (Principles and Applications)

School Week
Rental \$2.00

(No. 1402 - 17 Minutes) Animated diagrams are very effectively used by this film in explaining the basic principles and applications of the diode, or two-element vacuum tube. After describing the essential parts of the diode, the picture shows how electrons may be made to flow



across a gap, how this flow of electrons may be controlled, how the principles of the diode are used in photoelectric cells and X-ray tubes, how a diode may be employed as a half-wave rectifier, and how two diodes may be used to provide full-wave rectification. *A. U. S. Office of Education Film.*

The Triode (Amplification)

School Week
Rental \$2.00

(No. 1406 - 14 Minutes) The principle of the triode and its use in amplification is graphically explained by the animated drawings in this film. After reviewing the diode principle, the picture explains the electric field of the diode and that of the triode, and compares them. It then describes a typical triode amplifier circuit, and explains amplification of direct current voltage changes, amplification of alternating current voltages, distortion, and amplification of audio-frequency signals. In conclusion, it reviews the triode principle. *A. U. S. Office of Education Film.*

Principles of Gas-Filled Tubes

School Week
Rental \$2.00

(No. 1407 - 15 Minutes) In an introductory sequence, this film compares the properties of gas-filled tubes with those of vacuum tubes, and indicates the general advantages of each. Then, with the liberal use of animated diagrams, it clearly explains the theory of ionization applied to gas-filled tubes, the control of current in circuits employing gas-filled tubes, the use of the gas diode as a rectifier, the action of the grid in a gas triode, and the application of the gas triode as a grid-controlled rectifier. *A. U. S. Office of Education Film.*

Atomic Energy

School Week
Rental \$2.00

(No. 2449 - 10 Minutes) Consisting almost entirely of animated drawings, this film illustrates the known facts about the nature of atomic energy. It shows the general structure of atoms, and tells how atoms of one kind can be transformed into another, releasing energy in the process. It explains the differences between radiant energy, chemical energy, and atomic energy, and elaborates upon the three known forms of atomic energy, which are nuclear synthesis, as in the sun; natural radioactivity, as in radium; and nuclear fission, as in the atomic bomb. *An Encyclopaedia Britannica Film.*

Biology

In the Beginning

School Week
Rental \$2.00

(No. 2087 - 17 Minutes) This film documents William Harvey's seventeenth century discovery that "all animals, even those that bring forth their young alive and even man himself, come from the egg." It first notes that all lower forms of life develop from single-celled eggs. Then, to show that mammals spring from comparable eggs, it presents generalized diagrams and actual pictures of the reproductive system of the female rabbit. Finally, in a truly remarkable series of time-lapse motion pictures taken through a powerful microscope, it depicts the speeded-up development of a typical mammalian egg during ovulation, fertilization, and the beginning of cell multiplication.

Carnivora—No. 1

School Week
Rental \$1.00

(No. 2126 - 11 Minutes) Described and depicted in this film are the largest and most ferocious of all the carnivores, the cats and the bears. Maps show the range of the Bengal and Siberian tigers, which are the fiercest of the cats. Besides these tigers, the film pictures many other

members of the cat family, including the lion, leopard, black leopard, jaguar, ocelot, American wildcat, Canadian lynx, and common house cat. Since bears are widely distributed throughout the world, the film depicts species from many lands, including the American black bear, Mexican black bear, Cinnamon or Alaskan bear, brown bear, Russian bear, and polar bear.

Carnivora—No. 2

School Week
Rental \$1.00

(No. 2127 - 10 Minutes) The great range and variety of the carnivores is illustrated by this film, which includes both tree-climbing and sea-living animals. The characteristics of the canine family are described, with close-ups of the red fox, raccoon, coyote, wolf, dingo, and domesticated dog. Seals and their relatives, the walruses, are described, and the California sea lion, South African fur seal, and walrus are pictured. Other sequences show many examples of the smaller carnivora, including the skunk, badger, otter, fisher, weasel, mongoose, panda, coatimundi, and kinkajou.

Primates—No. 1

School Week
Rental \$1.00

(No. 2124 - 10 Minutes) Anthropoid apes are the animals which most resemble human beings in physique and intelligence. This film, photographed at the New York Zoological Park, shows us four kinds of apes, including the gorilla, chimpanzee, orangutan, and gibbon. We learn that the gorilla is the largest and most ferocious of this order of mammals, that the chimpanzee is intelligent and friendly, and that the gibbon bears the closest physical resemblance to man but is the least intelligent of the apes. In conclusion, the film compares the intelligence and ability of the chimpanzee with that of a four-year-old child.

Primates—No. 2

School Week
Rental \$1.00

(No. 2125 - 10 Minutes) This companion film to "Primates—No. 1" continues the discussion of the human and nonhuman primates. It pictures and describes the New World or American monkeys and compares them with the Old World monkeys and with human beings. It pictures the red howler, capuchin, owl, and marmoset monkeys as typical examples of the New World species. As representatives of the Old World monkeys, the Indian pompador monkey, Burmese makak, Bengal monkey, Celebes monkey, black ape, spot-nosed monkey, baboon, and lemur are pictured.

Rodents

School Week
Rental \$1.00

(No. 2128 - 10 Minutes) Rodents are an order of mammals characterized by long curved incisors for gnawing. In this film a number of rodents, from the smallest to the largest, are pictured in zoos and in their natural habitat. Included are the dormouse, kangaroo mouse, gopher, kangaroo rat, flying squirrel, gray squirrel, woodchuck, hare, rabbit, porcupine, agoutis, and guinea pig. Characteristic features of these different members of the order are illustrated in close-ups. Several examples of albinism, common among mammals, are shown.

African Fauna (In Color)

School Week
Rental \$2.50

(No. 2273 - 10 Minutes) This film shows the wild beats of the veldts, forests, and rivers of Africa in their native habitat. It includes authentic descriptions and excellent close-up studies of the waterbuck, impalla, cheetah, crocodile, elephant, zebra, giraffe, lion, and hippopotamus. It presents interesting facts about these animals and discredits a number of false beliefs concerning them. *A Simmel-Meservey Film.*

Animal Cunning

School Week
Rental \$1.00

(No. 1224 - 10 Minutes) This unusual motion picture shows a wide variety of animals and portrays their instinctive cunning and alertness, in the never-ceasing struggle for existence. The film depicts the raccoons the less familiar kinkajou, the coatimundi, the anteater whose long tongue makes quick work of a hill of ants, the Pacific pocket mouse, the cormorant, the iguana whose formidable tail enables him to beat off a hungry vulture, and the puma who proves to be more than a match for the iguana.

Nature's Songsters

School Week
Rental \$1.00

(No. 1204 - 8 Minutes) Dr. Arthur Allen of Cornell University made this film showing American birds in their natural surroundings, and

reproducing their songs. We see a wood thrush feeding its young, snow white herons building nests, a plover nesting in a busy roadway, close-ups of humming birds, an eagle threatening a burrowing owl, a marsh hawk on its nest, a mocking bird driving off a snake, and a mourning dove attacking the snake.

Private Life of the Gannets

School Week
Rental \$1.00

(No. 2083 - 12 Minutes) Gannets have only twenty nesting places in the world. One of the largest of these is tiny Grassholm Island off the coast of Wales, where thousands of these rare birds make their home. We are given an insight into the well-developed customs of this colony and see the gannets hatching and rearing their young, diving for the fish on which they feed, and fighting off marauding gulls.

Birds of the Barrier

School Week
Rental \$1.00

(No. 2066 - 9 Minutes) The islands of the Great Barrier Reef of Australia are rich in bird life and this film deals with several of the species found there. It shows us the sooty tern, often called the wide-awake bird; the gannet; the crested tern; the mutton bird, which nests in underground burrows; and the white-capped noddy. The many excellent close-ups of these birds and their surroundings include pictures of their nests, their eggs, and their young in various stages of growth.

Life Cycle of the Mosquito

School Week
Rental \$2.00

(No. 2452 - 14 Minutes) In a remarkable series of motion pictures taken through a microscope, this film first depicts the anatomy of the typical mosquito and then shows us the complete life cycle of the insect. We see the laying of the eggs, the hatching of the larvae, the development of the larvae as they pass through the four instar stages, the feeding of the larvae, the changing of the larvae into quiescent pupae, and finally the emergence of the adult mosquitoes. *A Young America Film.*

Life of an Ant

School Week
Rental \$1.00

(No. 2059 - 10 Minutes) By means of greatly enlarged motion pictures, we are able to study in detail the life history of the ant, and the behavior of the adult insects. We witness the development of the eggs into larvae, into cocoons, and finally into adult ants. We see the ants clearing paths and carrying food to the ant hill. When danger threatens, they show that they know how to repel a caterpillar and put out a fire, but that they are unable to extricate themselves from the traps of their traditional enemy, the crafty ant lion.

City of Wax

School Week
Rental \$1.00

(No. 1223 - 9 Minutes) In extreme close-up, this film shows us a colony of bees living in their city of wax. The instinctive social habits and dramatic everyday activities of these insects are depicted with amazing clarity. Among other things, we see the production of building wax by the workers, the fashioning of the honeycomb, the storing and use of honey, the depositing of eggs by the queen, the transformation of an ordinary bee into a queen, the nuptial flight of the newborn queen, the demise of the bridegroom, the killing of the old queen, and the slaughter of the useless drones.

Cicada

School Week
Rental \$2.00

(No. 2260 - 21 Minutes) After giving us an animated map to indicate the distribution of the cicada in this country, this film depicts the life cycle of this insect in a series of remarkable close-ups. We see the cicada developing in its underground burrow, the nymph emerging from the ground, the cicada emerging from the nymph shell, the wings expanding to full size, the anatomy of the adult insect, the membrane which produces the mating call, the laying of the eggs in protected slits in trees, and the hatching of the eggs to produce the new generation which will repeat the life cycle.

Monarch Butterfly (In Color)

School Week
Rental \$2.50

(No. 2268 - 9 Minutes) The life cycle of the monarch butterfly is followed minutely in full-color telephoto close-ups which depict each stage of its development in minute detail. As we watch, the caterpillar fastens itself to a twig and the chrysalis forms around it. Gradually the chrysalis changes color, and finally the butterfly emerges. After expanding and drying its wings, its development is complete. The important characteristics of the butterfly's anatomy are pointed out, and it is explained why the term "Lepidoptera" is applied to the order to which butterflies belong.

The Living Flowers (Butterflies)

School Week
Rental \$1.00

(No. 2060 - 9 Minutes) Here we have the life cycle of the butterfly, revealed in amazing detail by greatly enlarged motion pictures. Each stage of development is depicted. As we watch, the butterfly lays her eggs, an egg hatches into a caterpillar, the caterpillar feeds on leaves and sheds its skin, the caterpillar bores its way into the ground and becomes a cocoon, another type of caterpillar stays above the ground and attaches itself to a twig and becomes a cocoon, the butterfly emerges from the cocoon, and finally, the butterfly dries its wings and flies away to live among the flowers.

People of the Ponds

School Week
Rental \$1.00

(No. 2065 - 11 Minutes) This film describes the abundant life which exists in a pool of water in the crater of an extinct volcano. After offering an explanation for the presence of living creatures in this pool, cut off from the rest of the world, the picture employs photomicrography and extreme close-ups to depict water fleas with transparent bodies which reveal the workings of their heart and lungs, trumpet animalcule with food digesting inside their bodies, water mites, vorticella on their stems and swimming, rotifers, volvox, hydra with budding young, and cyclops.

Secrets of the Sea

School Week
Rental \$1.00

(No. 2062 - 10 Minutes) All sea life ultimately depends for its existence upon certain microscopic organisms which flourish in sea water. In this film, specimens of these organisms are depicted by photomicrography, and larger sea animals are pictured by other methods. The various sequences show capiteria, diatoms, baby star fish, zoea, plankton, tubularia, hydroids, ghost shrimp, and transparent jellyfish. One scene shows how capiteria feed on diatoms, and another illustrates the entire life history of the nudibranch, a species of sea slug, including the laying of the eggs, the development of the embryo, and the hatching of the young.

Coral and Its Creatures

School Week
Rental \$1.00

(No. 2063 - 7 Minutes) This is the story of the polyps which build coral reefs, and of the other animals and plants which live in coral. Many kinds of polyps, all smaller than pinheads, are shown greatly enlarged for study. Of the animals which live among the coral reefs, those depicted include the sea anemone, feather star fish, beche-de-mer, firefish or butterfly carp, cowfish, spotted catsharp, flyfish, and other types of tropical sea creatures. Interesting sequences show the strange defense mechanism of the firefish, and the developing embryo in the egg of the spotted catsharp.

Strange Sea Shells

School Week
Rental \$1.00

(No. 2064 - 8 Minutes) In this instance, the fascination possessed by strange sea shells is the starting point for an informative film which pictures the animals which inhabit them and points out their distinctive characteristics. Among the shells and creatures thus studied are the helmet shell, the small univalve and the hydroids which live on it, the lima, the milo shell, the triton shell, the spider shell, the mutton shell, the giant clam shell, and various microscopic shells. In an interesting digression from the main theme of the film, two hermit crabs fight for the possession of an empty shell.

Seashore Wonderland (In Color)

School Week
Rental \$2.50

(No. 2447 - 10 Minutes) In the shallow waters near the ocean shore a varied marine life flourishes. This film explores this wonderland, showing us the sea creatures in their natural surroundings. Distinctive characteristics are pointed out and beautiful examples of delicate or vivid coloring are revealed. Among the animals depicted are the sea anemone, nudibranch, sea urchin, rock lobster, decorator crab, sting ray, hermit crab, sea cucumber, yellow snail, sand starfish, octopus, tidepool shrimp, cushion starfish, common starfish, and turban snail. The California Institute of Technology assisted with the scientific content of this film.

A Fish Is Born

School Week
Rental \$1.00

(No. 2058 - 10 Minutes) State fish hatcheries are operated to combat the depletion of fish by restocking streams. This film shows the highly efficient methods which have been developed. Trout eggs are fertilized and placed in tanks to hatch. By means of photomicrography, we watch the development of the embryo within the eggs and eventually witness the hatching of the fry, with egg sacs attached. As the fish grow, the sac is absorbed and finally disappears. The tiny fish are then released in the streams, to continue their growth under natural conditions. We are also shown the hatching of perch and pike eggs.

Fungus Plants

School Week
Rental \$2.00

(No. 2326 - 10 Minutes) The story of mushrooms and other fungi is presented by this film. The toadstool, puffball, and several other kinds of fungi and molds are illustrated in striking close-ups. The shaggy mane, gilled, and edible types of mushrooms are described and pictured, with animated sequences showing the intricate structure of the gills. Photomicrographic studies are presented to clarify the structure of spores and to depict the streaming of protoplasm in the filaments. The rapid growth of various fungi is illustrated by means of time-lapse photography. *An Encyclopaedia Britannica Film.*

The Life of Plants

School Week
Rental \$2.00

(No. 2086 - 13 Minutes) By means of time-lapse photography, the whole life cycle of a plant is compressed into thirteen minutes and brought to the screen. We see the seed breaking open, the taproot being sent down, the root system developing, the first shoot breaking through the ground, the stem and the leaves growing and taking shape, and finally the flowers forming and opening.

Plant Growth

School Week
Rental \$2.00

(No. 2321 - 10 Minutes) This film focuses attention on typical forms of plant life and describes the complete life cycle of the pea plant. By means of time-lapse photography, it shows the opening of the flower, seed germination, growth of the root, and development of the stalk and tendrils. Close-ups reveal the essential parts of the flower and show the part played by insects in cross-pollination. Fertilization is illustrated in an animated sequence, and photomicrography is used to reveal the streaming of the protoplasm in the growing pollen tubes. *An Encyclopaedia Britannica Film.*

Roots of Plants

School Week
Rental \$2.00

(No. 2322 - 10 Minutes) The structure and function of roots are pictured and described in this film. Excellent examples of tap, fascicled, and fibrous roots are depicted, and time-lapse photography is used to portray the growth of primary roots and the sensitivity of root caps. Root hairs are depicted by photomicrography which reveals the movement of protoplasm within them. The process of osmosis is demonstrated experimentally and interpreted by animation, and the formation and storage of starch and sugar are explained. *An Encyclopaedia Britannica Film.*

Leaves

School Week
Rental \$2.00

(No. 2323 - 10 Minutes) The process of photosynthesis, upon which depends the actual survival of all plant and animal life, is explained by this film. Plant structure is briefly reviewed, then leaf structure is illustrated in detail, with greatly enlarged motion pictures and animated diagrams to show the appearance and function of cell layers, veins, stomata, chloroplasts, and other microscopic parts. Aply, the leaf is likened to a factory. With water, minerals, and carbon dioxide as raw materials, the leaf manufactures sugar and other foods for the plant and releases a valuable by-product, oxygen. In conclusion, various specialized leaf structures are illustrated. *An Encyclopaedia Britannica Film.*

Flowers at Work

School Week
Rental \$2.00

(No. 2324 - 10 Minutes) The reproductive processes of various flowers are studied in this film. The structure and function of the sepals, petals, stamens, pistil, anthers, pollen grains, style, and ovary are illustrated by animated drawings, and the flowers of the monkshood, snapdragon, poor man's orchid, lupin, meadow sage, cornflower, and daisy are shown in motion picture sequences. Time-lapse photography is employed to reveal the graceful movements of the tulip, snowdrop, spiderwort, dandelion, globe thistle, and everlasting flowers in opening and closing. *An Encyclopaedia Britannica Film.*

Seed Dispersal

School Week
Rental \$2.00

(No. 2325 - 10 Minutes) This film describes and pictures many ways in which the seeds of plants are dispersed. We learn that some seeds are carried by the wind, others transported by animals, and that still others are forcibly propelled from their seeds cases. Close-ups and photomicrographs display the structure of the seeds of the poppy, goat's beard, thistle, stoncrop, enchanter's nightshade, burdock, blumenbachia, bean, cucumber, dandelion, heron's bill, cress, and wild oat. Time-lapse photography reveals the uncanny movements of various seeds during their germinating and sprouting periods. *An Encyclopaedia Britannica Film.*

Health

How the Eye Functions

School Week
Rental \$1.00

(No. 1182 - 12 Minutes) The animated pictures and diagrams employed in this film, together with the explanatory narration in nontechnical language, present a clear description of the structure and operation of the human eye. The iris, lens, retina, and other parts of the organ are illustrated, and their operation clearly demonstrated. The film closes with a brief admonition against practices which are definitely injurious to the eyes. *A Knowledge Builders Film.*

The Eyes and Their Care

School Week
Rental \$2.00

(No. 2319 - 10 Minutes) The structure of the eye, the characteristics of normal vision, and the common sight defects are treated in this film. The parts of the eye are illustrated and named, and their functions described. Animated sequences are freely employed to show the manner in which light rays are received by the eye and converted into nerve impulses. The proper care of the eyes and the cause and correction of such eye defects as night blindness, double vision, near-sightedness, farsightedness, and astigmatism are depicted and explained. *An Encyclopaedia Britannica Film.*

How We Hear

School Week
Rental \$1.00

(No. 1208 - 12 Minutes) A remarkably complete and clear explanation of the operation of the human ear by means of actual pictures, animated diagrams, and nontechnical narration. The nature of sound waves is shown. The parts of the outer, middle, and inner ear are described and illustrated in detail, and shown in action. An appeal for the protection of the organs of hearing climaxes the film. *A Knowledge Builders Film.*

Our Teeth

School Week
Rental \$1.00

(No. 2041 - 12 Minutes) This picture covers the growth, structure, and care of the teeth. By means of actual photographs and animated diagrams, we see how children's first teeth appear, and how they are gradually replaced by permanent teeth. Magnified pictures of tooth structures are explained in detail. Causes of decay are illustrated, and a plea is made for proper diet and correct care to insure sound teeth. *A Knowledge Builders Film.*

The Teeth

School Week
Rental \$2.00

(No. 2320 - 10 Minutes) This film describes the development and care of the teeth. The first teeth, or baby teeth, are described and the manner in which they are replaced with the permanent teeth, at about the age of six, is depicted. The structure of the permanent teeth is illustrated, with emphasis upon the importance of correct diet and good dental care. A semi-annual visit to the dentist is strongly recommended, and the correct method of brushing the teeth is demonstrated. In conclusion, we are shown a children's dental clinic of the kind operated by many cities, counties, and schools. *An Encyclopaedia Britannica Film.*

Digestion of Foods

School Week
Rental \$2.00

(No. 2316 - 10 Minutes) Both the chemical and mechanical aspects of digestion are treated by this film. Mastication, swallowing, stomach contractions, intestinal segmentation, and intestinal peristalsis are depicted. Laboratory demonstrations of the action of ptyalin on starch, of pepsin on albumin, and of lipase on fats are made clear by animated

drawings. Photomicrographs showing villi motility, and animated drawings showing the action of secretin upon the pancreas are unusual features of the film. *An Encyclopaedia Britannica Film.*

Mechanisms of Breathing

School Week
Rental \$2.00

(No. 2315 - 10 Minutes) Animated drawings are generously used in this film to depict the mechanisms of breathing. We see the pharynx, larynx, trachea, bronchi, and the bronchiole of the lungs. The functioning of the phrenic nerve is described, and the exchange of oxygen and carbon dioxide between the air sacs and the blood stream is illustrated. Close-ups of the action of the lungs and trachea under varying air pressure are shown, and the relation of the breathing rate to the carbon dioxide content of the air is explained. In conclusion, the Schaefer method of artificial respiration is demonstrated. *An Encyclopaedia Britannica Film.*

Heart and Circulation

School Week
Rental \$2.00

(No. 2314 - 10 Minutes) Animated drawings and actual motion pictures are employed to show the muscular and valvular action of the heart, and the operation of the circulatory system. In laboratory demonstrations, we are shown the effect of salt water and adrenalin on a turtle's heart, the rhythmic flow of blood from a severed artery, and the effect of severing the cervical nerve of a rabbit. Capillary blood flow is depicted in photomicrographic scenes, and the amplified sound of heart beats are reproduced. *An Encyclopaedia Britannica Film.*

The Nervous System

School Week
Rental \$2.00

(No. 2318 - 10 Minutes) The structure and operation of the nervous system is clearly depicted in this film through the use of animated drawings, photomicrography, and motion picture close-ups. We are given a concise picture of the central nervous system, including the anatomy of the spinal cord, axones, dendrites, nerve bundles, and receptor and effector organs. The nature of nerve impulses and reflexes is explained, and the intricate structure of nerve cells is illustrated. In laboratory scenes, the differentiated reactions of an amoeba, a plant, a frog, and a cat are demonstrated, and the amplified sounds of actual nerve impulses are reproduced. *An Encyclopaedia Britannica Film.*

Body Defenses Against Disease

School Week
Rental \$2.00

(No. 2470 - 10 Minutes) Through the liberal use of animated drawings, this film presents a highly realistic conception of the many ways in which the human body protects itself against disease. It shows how germs are repelled or destroyed by the skin and mucous membranes, by the phagocytic cells of the stomach and intestines, by the lymphatic system, by the liver and spleen, and by specific antibodies. The artificial induction of immunity through the use of serums and vaccines is also depicted and explained. *An Encyclopaedia Britannica Film.*

Posture and Exercise

School Week
Rental \$2.00

(No. 2317 - 10 Minutes) The maintenance of correct body posture and the relationship of exercise to posture are considered in this film. The body framework is described, with particular reference to the skeletal system and the operation of the joints. The function of the muscles is explained, and muscular response to stimulation is demonstrated in a laboratory experiment. The factors involved in good posture are enumerated, and corrective exercises are suggested for various defects. In conclusion, the principles of muscular development and healthful exercise are outlined. *An Encyclopaedia Britannica Film.*

Louis Pasteur, the Benefactor

School Week
Rental \$2.00

(No. 1167 - 16 Minutes) This gripping presentation gives us a historically accurate review of Louis Pasteur's life and work. Filmed in France, many of the episodes are reenacted in their actual settings. The film depicts the great scientist's childhood home, early discouragements, experiments with wine and silk, prevention of animal diseases, proof that microbes cause disease, discovery of immunity, and triumphant conquest of hydrophobia. It shows the honors heaped upon him at the climax of his long career, and closes with his stirring challenge to youth.

Miracle of the Meadows

School Week
Rental \$2.00

(No. 1152 - 19 Minutes) Produced on a modern dairy farm, this film covers the entire process of milk production. It pictures a fine herd of dairy cows, and shows how they are fed and cared for amid sanitary and healthful surroundings. The milking of the cows is depicted and the weighing, testing, pasteurization, bottling, and distributing of the milk is shown in detail. Throughout the film, emphasis is placed upon the scientific aspects of the dairy industry, and upon the many ways in which the health of the public is protected.

CONTINUED

Meats With Approval

School Week
Rental \$2.50

(No. 2272 - 15 Minutes) Two-thirds of our meat bears a stamp, "the little purple circle of purity," showing that it has been passed by the Meat Inspection Division of the Department of Agriculture. This film shows how the public health is safeguarded, at a cost of a tiny fraction of a cent a pound, by a rigid meat inspection system which sets standards for packing house buildings, installations and methods; examines live animals; inspects individual carcasses, with special attention to heads and viscera; approves processing materials and containers; and scientifically tests fresh and prepared meats, canned meats, and meat products. *A U. S. Department of Agriculture Film.*

Physical Education

Make-Up From the Neck Down

School Week
Rental \$2.50

(No. 2474 - 19 Minutes) Produced during the war by the Navy, literally to encourage the WAVES to keep themselves in good shape, this film inspires girls to correct faults in their figures. It demonstrates five general exercises for everyday use and three special ones for correcting specific faults. Of these three, one is for the hips, one for the stomach muscles, and one for relaxing taut muscles. As the film states, these exercises, requiring ten minutes each day, will produce an upright, correctly proportioned figure. *A U. S. Navy Training Film.*

Know Your Football

School Week
Rental \$1.00

(No. 1194 - 11 Minutes) Mal Stevens, head coach of New York University, and Steve Owens, head coach of the New York Giants football team, are featured in this film. The history of football is sketched briefly, revealing that the game evolved from the rugby of a hundred years ago. Many plays famous in football lore are demonstrated and their purposes explained, and the principal plays in use today are analyzed.

Offensive Football

School Week
Rental \$1.50

(No. 2398 - 10 Minutes) Slow motion sequences, demonstrations by famous teams, animated diagrams, and newsreel shots of actual plays, all accompanied by the expert explanations of Ken Carpenter, make this an exceptionally valuable film. It covers balanced and unbalanced lines, single and double wing back formations, the T formation, the shift, blocking and cross blocking, forward and lateral passes, and various deceptive maneuvers. Teams seen in action include Louisiana State, Minnesota, Mississippi, Navy, Notre Dame, Ohio State, Princeton, Purdue, and Texas Christian.

Defensive Football

School Week
Rental \$1.50

(No. 2397 - 9 Minutes) In this film, the defensive side of gridiron tactics is covered by slow motion sequences, demonstrated by famous teams, animated diagrams, and newsreel shots of actual plays, all accompanied by the careful explanations of Ken Carpenter, the well-known radio announcer. The picture deals with the five, six, and seven man lines, the six-two-two-one defense, the protection of passers, deceptive running, deceptive ball handling, and the spotting and exploitation of defensive mistakes. Many famous plays are shown, including the complicated flying trapeze play.

Championship Basketball

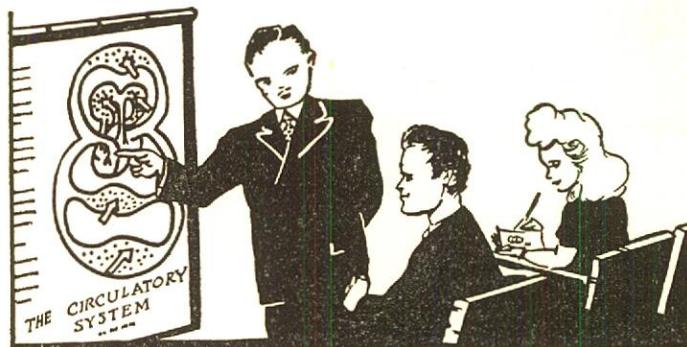
School Week
Rental \$1.00

(No. 1193 - 11 Minutes) In this film the game of basketball as it is played today by its leading stars is analyzed by the game's great coach, Nat Holman, of the College of the City of New York. The principal features of the game are shown in slow motion, with comprehensive explanations and comments by Coach Holman. For those who play and for those who watch, this film will make basketball more fun.

Big League Baseball

School Week
Rental \$1.00

(No. 1360 - 10 Minutes) Here we have a spectacular review of big league baseball stars in action, each one demonstrating the specialized plays that have made him famous on the diamond. This inspiring exhibition of baseball at its best features Carl Hubbell, Bucky Walters, Dizzy Dean, Pepper Martin, Joe Medwick, and many other big league players whose names are famous in the world of sports.



Swimming for Beginners

School Week
Rental \$1.00

(No. 2290 - 10 Minutes) Fred Cady, swimming coach at the University of Southern California and coach of United States Olympic swimming teams, supervised the making of this valuable film in which a young swimmer is taught the fundamentals of the American crawl. Points covered include the conquest of fear; breathing; kicking and arm strokes, both separately and in combination; and coordinated deep-water swimming. The film is narrated by Ken Carpenter, well-known sports commentator.

Advanced Swimming

School Week
Rental \$1.00

(No. 2291 - 10 Minutes) This film, made under the supervision of Fred Cady, is designed to perfect the style and strokes of the average swimmer. It points out common swimming faults, and makes suggestions for the correction of these errors. Particular attention is paid to proper body alignment, arm action, leg action, breathing, coordination, and all of the other details which make for championship swimming. The film is narrated by Ken Carpenter, famous sports announcer, in his usual lucid style.

Elementary Tactics of Lifesaving

School Week
Rental \$2.00

(No. 2394 - 23 Minutes) Slow motion and underwater photography are freely used in this comprehensive demonstration of the approved methods of rescuing a drowning person. Three ways of approaching a victim are shown, these being the rear, surface from front, and underwater approaches. Eight methods of breaking holds are depicted, including the front head-hold, optional front head-hold, back head-hold, block and spin, block and underwater escape, wrist-hold, wrist-hold underwater, and rescuing the rescuer breaks. In conclusion, six valuable carries are depicted, these being the tired swimmer, cross chest, head, hair, fireman's, and saddle back carries. *A U. S. Navy Training Film.*

Diving Fundamentals

School Week
Rental \$1.00

(No. 2292 - 10 Minutes) Under the supervision of Fred Cady, coach of United States Olympic swimming teams, expert swimmers demonstrate the correct and incorrect ways of diving. Balance, coordination, rhythm, and the other basic fundamentals of the sport are stressed. The approach, hurdle jump, take off and lift, standing take off, and entry are covered in detail. The experienced sports commentator, Ken Carpenter, is the narrator of the film.

Square Dance Medley

School Week
Rental \$1.50

(No. 2445 - 10 Minutes) This exhibition of old time square dances is expertly presented by four costumed couples, dancing to the music of Tiny Clark and his Cactus Cowboys' Band. Performing the figures indicated by the caller, the dancers skip and swing to such old favorites as "The Lady 'Round the Lady," "Duck for the Oyster, Dig for the Clam," and "Hinky Dinky Parlez-Vous." Thus the essentials of square dancing are demonstrated in a way which is easy to understand and follow.

Rugh M. Hefner Moving Image Archive

Safety

Safety Begins at Home

School Week
Rental \$1.00

(No. 2099 - 10 Minutes) Built around the idea that safety in the home depends upon proper habit formation, this film shows a safety-conscious

family making preparations for a party. The children decorate the house with paper streamers and leafy branches, and in doing so they illustrate the right way to use and care for stepladders, cutting tools, and other common objects. In the kitchen, mother shows the necessary care in using the stove and handling hot utensils. Father arrives in time to demonstrate the proper precautions in handling electrical appliances. Party time comes and nothing has happened to interfere with the evening's fun. *A Young America Film.*

One Match Can Do It

School Week
Rental \$1.00

(No. 2275 - 10 Minutes) After showing us a number of disastrous flood scenes, this film points out the underlying cause of most floods—the deforestation of the watershed. Such deforestation is usually the result of a forest fire caused by someone's carelessness—a campfire left burning or a cigarette tossed from a car. We are shown how such fires are detected, fought, and eventually extinguished—after wild life, valuable timber, and perhaps homes have been destroyed. *A Simmel-Meservey Film.*

Highway Mania

School Week
Rental \$2.00

(No. 1111 - 15 Minutes) After pointing out that highway accidents take an annual toll of over 30,000 human lives, this forceful film shows that 90 per cent of these tragedies are caused by the bad driving habits of average car users. Dramatic, attention-getting accident scenes are presented, together with road pictures showing both proper and improper driving practices. Mistakes which many drivers unconsciously make are carefully pointed out. In conclusion, the film appeals for safer driving as a matter of sportsmanship.

School Bus Operation—Part I

School Week
Rental \$2.00

(No. 2069 - 14 Minutes) The school bus driver, according to this film, should be a trustworthy and capable individual who performs his duties according to certain well-defined principles. Such a driver is depicted. His bus is clean, well equipped, and in good mechanical condition. He has good driving habits and faithfully observes all safety rules. He knows how to use the five forward speeds, how to double clutch, and how to control a heavy vehicle under difficult conditions. He follows a definite routine of daily and weekly maintenance checks. This film, devoted entirely to driving and maintenance, is addressed especially to school bus drivers. *A U. S. Office of Education Film.*

School Bus Operation—Part II

School Week
Rental \$2.00

(No. 2079 - 13 Minutes) This picture shows a well-conducted school bus on its daily rounds, from the time children are picked up in the morning until they are brought home safely at night. It depicts the duties of the bus driver, and shows how he is assisted in many ways by a junior safety patrolman who helps load, unload, and keep order. The driver sees that his bus is kept in the best of condition, keeps the school superintendent informed of all important matters, and scrupulously observes the various rules of safety. Addressed to bus drivers, school authorities, parents, and junior safety patrolmen. *A U. S. Office of Education Film.*

READING SKILL

Speeding Your Reading

School Week
Rental \$1.50

(No. 2468 - 10 Minutes) Through the formation of correct reading habits, reading speed can be increased. This film explains how to control eye movements for rapid reading, how to choose a point of focus which will make it possible to recognize several words at once, how to adjust this point of focus to cover the most satisfactory span of recognition, and how to avoid the faults of the poor reader. These faults are spelling out words, pronouncing words orally or mentally, and going back to reread sentences or portions of sentences. An exercise at the end of the film provides practice in rhythmic reading by phrases.

LITERATURE

Macbeth

School Week
Rental \$2.00

(No. 2104 - 16 Minutes) Two famous scenes from Shakespeare's powerful tragedy, "Macbeth," are combined in this valuable production. First we are given a gripping rendition of Act II, Scene 2, in which Macbeth, urged on by his ambitious wife, murders Duncan, King of Scotland. Then we witness a masterly performance of Act V, Scene 1, in which Lady Macbeth appears in her weird and dramatic sleepwalking scene. In addition to brilliant photography and sound reproduction, this film offers inspired acting by a distinguished cast, impressive sets which recreate the interior of a medieval castle, and a musical score played by the London Symphony Orchestra. *An Eastin School Film.*

Julius Caesar

School Week
Rental \$2.00

(No. 2103 - 20 Minutes) In this superb picturization of Act III, Scene 2 of William Shakespeare's famous tragedy, "Julius Caesar," we are first given an intriguing glimpse of the Roman Forum. News of Caesar's murder is excitedly spread, Brutus and his fellow conspirators emerge from the Senate House to harangue the gathering mob, Caesar's body is brought forth, and finally Mark Antony delivers the famous funeral oration which has become a standard of eloquence to the English-speaking world. Students who see this production can hardly fail to gain a new appreciation of the power, beauty and dramatic appeal of Shakespeare's masterpieces. *An Eastin School Film.*

Robinson Crusoe

School Week
Rental \$3.00

(No. 2009 - 32 Minutes) Here is Daniel Defoe's classic tale of how Robinson Crusoe turned his enforced exile into a richly satisfying life of adventure and achievement. Crusoe's escape from his wrecked ship, the building of his lonely dwelling, his pets, his exploration of the island, the rescue of his native companion, Friday, his encounters with cannibal tribes, and his final renewal of contact with civilization are all thrillingly portrayed. Uncle Don, radio favorite of millions of children, tells the story.

Treasure Island

School Week
Rental \$1.50

(No. 2402 - 10 Minutes) Here is Robert Louis Stevenson's classic tale of pirates and buried treasure, presented in a new and thrilling way. The film consists of a series of well-drawn illustrations which appear on the screen while the familiar story is being told in a boy's voice. The pictures are not animated, but they are cleverly photographed with a mobile camera which imparts an illusion of movement to many of the scenes. The young narrator speaks in the first person, creating the impression that the story is being told by Jim Hawkins himself, just as in the book.

The Pied Piper of Hamelin

School Week
Rental \$1.00

(No. 2010 - 11 Minutes) Robert Browning's immortal poem has long been a children's classic. This modest and whimsical picturization, featuring striking characterizations and fanciful settings, cleverly conveys the mood of the old favorite. The narration consists of an abridgment of the poem which tells the whole tale of the strange piper, the tumbling rats, the scheming burghers, and the enraptured children. It is effectively delivered by Gayne Whitman, well-known radio announcer.

The Barefoot Boy

School Week
Rental \$1.00

(No. 2007 - 11 Minutes) In this sincere and modest picturization of John Greenleaf Whittier's immortal poem, we see the barefoot boy happily roaming the woods and fields with his dog, absorbed in the wholesome outdoor pleasures which are the country lad's traditional birthright. Catching a glimpse of the youngster swimming in the millpond, a millionaire stops his limousine for a moment of reflection. As the careworn man muses over the carefree boy's activities, the words of the poem are heard against an appropriate musical background.

MUSIC

Instruments of the Orchestra

School Week
Rental \$2.50

(No. 2442 - 20 Minutes) In this cleverly conceived and brilliantly executed film, Dr. Malcolm Sargent, the famous British conductor, explains that a symphony orchestra can be likened to a single great musical instrument with four parts—the wood winds, brass, strings, and percussion. To illustrate this, he leads the London Symphony Orchestra in Benjamin Britten's specially written music, consisting of Variations and a Fugue on a theme by Henry Purcell. First, Dr. Sargent "takes the orchestra to pieces" and shows how music is produced by each of twenty-six different instruments. Then he "puts the orchestra together again" and conducts the lovely Fugue. *An Eastin School Film.*

The Symphony Orchestra

School Week
Rental \$2.00

(No. 2369 - 10 Minutes) The symphony orchestra is the medium through which the music created by the composer is conveyed to the public. To show how this is done, this film first explains the job of the conductor. It then names the instruments used in modern symphony orchestras, gives us samples of their music, and shows how they are divided into four groups—string choir, wood-wind choir, brass choir, and percussion group. Finally, using excerpts from several well-known operas and symphonies as examples, it lets us hear the various musical effects which can be produced by the groups, playing separately or in combinations. *An Encyclopaedia Britannica Film.*

The String Choir

School Week
Rental \$2.00

(No. 2365 - 10 Minutes) The string choir is the largest group in the symphony orchestra, and the most important, because of the wide variety of its musical powers. This film depicts the instruments of the choir—the first and second violins, the violas, the violoncellos, and the contra-basses. It shows how they are played and lets us hear the music of each, alone or compared with the others. The particular uses of each instrument are explained, and demonstrated in the playing of excerpts from several well-known compositions. *An Encyclopaedia Britannica Film.*

The Wood-Wind Choir

School Week
Rental \$2.00

(No. 2366 - 10 Minutes) The wood winds, though strongly individual in many respects, are alike in having a pastoral quality which lends variety and charm to symphonic compositions. In showing us this part of the symphony orchestra, this film first introduces us to the numerous wood-wind instruments—the piccolo, the flutes, the oboes, the English horn, the clarinets, the bass clarinet, the bassoons, and the contra-bassoon—and then shows us how they are played, and lets us hear their voices, both alone and in concert, in excerpts from many classic compositions. *An Encyclopaedia Britannica Film.*

The Brass Choir

School Week
Rental \$2.00

(No. 2367 - 10 Minutes) The brass choir is heard at its best in the stirring passages which add so greatly to the power and brilliance of symphonic music. In describing this important component of the symphony orchestra, this film first shows us the instruments of the group—the trumpets, the French horns, the trombones, and the tuba—and lets us hear their music. The special qualities of each instrument are explained. Throughout the film, familiar operatic and symphonic passages are used very effectively in examples and demonstrations. *An Encyclopaedia Britannica Film.*

The Percussion Group

School Week
Rental \$2.00

(No. 2368 - 10 Minutes) An essential part of the symphony orchestra is the percussion group, consisting of instruments used chiefly to emphasize rhythms. Percussion instruments are legion, but this film acquaints us with those usually found in symphony orchestras, and with some of the less common ones as well. Those shown and heard are the tympani, the cymbals, the bass drum, the snare drum, the xylophone, the bells, the chimes, the celesta, the gong, the tambourine, the castanets, and the tom-tom. The film includes excerpts from many familiar works, and closes with a special arrangement of Schubert's "Marche Militaire No. 1." *An Encyclopaedia Britannica Film.*



Toronto Symphony—No. 1

School Week
Rental \$1.00

(No. 2301 - 10 Minutes) Sir Ernest MacMillan conducts the Toronto Symphony Orchestra in its first film concert, performing three compositions by contemporary composers. First we hear "Jamaican Rhumba," by Arthur Benjamin, an Australian who is now a resident of Vancouver. Next, the orchestra plays Sir Ernest MacMillan's "A St. Malo," a sketch for string orchestra based on a French-Canadian folk song. Finally, we hear the Overture to the opera "Colas Bruegnon," by Dimitri Kavalevsky, a Russian composer. *Produced by the National Film Board of Canada.*

Toronto Symphony—No. 2

School Week
Rental \$1.00

(No. 2302 - 10 Minutes) In this, its second musical film, the Toronto Symphony Orchestra under the direction of its noted conductor, Sir Ernest MacMillan, plays the third movement of Tchaikovsky's "Sixth Symphony in B Minor"—the "Pathétique." The camera not only records the conductor's art but also depicts the different sections of the orchestra, or singles out such internationally famous musicians as Elie Spivak, concert master, and Isaac Mammott, the first cellist. *Produced by the National Film Board of Canada.*

Rosamunde

School Week
Rental \$1.00

(No. 4126 - 10 Minutes) This melodic composition by Franz Schubert is ably performed by the National Philharmonic Symphony Orchestra under the direction of Freidrich Feher. This film is of particular value for classroom use in the study of orchestral instruments, music, or music appreciation. The camera panoramas across and above the whole area covered by the orchestra, from both the front and back, giving an effective view of each and every player. As different instruments are featured, the camera shows the artist in close-up.

Aida

School Week
Rental \$1.00

(No. 4127 - 9 Minutes) The Triumphal March from Verdi's "Aida" is brilliantly played by the National Philharmonic Symphony Orchestra under the direction of Freidrich Feher, with the choral numbers sung by the National Philharmonic Chorus. The camera work has been so arranged that the instruments and artists featured at different times throughout the score are shown in close-up. This fact makes the film particularly interesting to music classes. The recording is of exceptional quality.

Paderewski—No. 1

School Week
Rental \$1.00

(No. 2287 - 10 Minutes) The whole world today knows the story of Ignace Jan Paderewski—as an artist, as a patriot, as a statesman, and as an artist again—but America will remember him best as a supreme pianist, an artist who could overlay the silvery and at times cool tones of his instrument with coruscating iridescences of color. This film, made during the later years of Paderewski's great career, is an extremely valuable record of his consummate musicianship. In it he plays Chopin's "Polonaise."

Paderewski—No. 2

School Week
Rental \$1.00

(No. 2288 - 10 Minutes) Here is an irreplaceable record of the superb technical skill and magnificent tone coloring which characterized the music of Ignace Jan Paderewski, the immortal Polish pianist. Though made during the later years of his career, this film provides an absorbing

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study of the artistry and personality of the man who has often been called the greatest of all modern pianists. In it he plays Liszt's "Hungarian Rhapsody No. 2."

Valse Brillante

School Week Rental \$1.00

(No. 2068 - 5 Minutes) Distinguished for both the brilliance and profundity of his playing, Alexander Brailowsky possesses a technique matched by few pianists in the world. He is particularly noted for his interpretation of Chopin, and was the first pianist to perform that composer's complete works in a series of six recitals. So great was the success of this venture that it had to be repeated three times in one season in Paris, and has since been done in New York, Brussels, Zurich, Buenos Aires, and Mexico City. In this film, Mr. Brailowsky performs Chopin's "Valse Brillante."

Jose Iturbi, Pianist—No. 1

School Week Rental \$2.00

(No. 2250 - 9 Minutes) Jose Iturbi, one of the world's great pianists, was born in Valencia, Spain. He studied at Barcelona, Paris, and Geneva, and made successful concert tours of Europe and South America. In 1929 he made a practically unheralded debut in the United States and immediately established a reputation which has grown with the passing of the years. In this film he gives brilliant performances of "Sevilla" by Albeniz, and of "Fantaisie Impromptu" by Chopin.

Jose Iturbi, Pianist—No. 2

School Week Rental \$2.00

(No. 2251 - 7 Minutes) Jose Iturbi, who has gained fame both as a pianist and as a conductor, is equally at home on the concert stage, the motion picture set, and the orchestra podium. In this film, he is seen and heard in the role of concert artist, displaying his mastery of the harpsichord and piano. He plays three compositions of Jean Philippe Rameau on the harpsichord, and then gives us a memorable rendition of Liszt's "Eleventh Hungarian Rhapsody" on the piano.

Vronsky and Babin,

Duo-Pianists—No. 1

School Week Rental \$2.00

(No. 2253 - 8 Minutes) Vitya Vronsky and Victor Babin first met in Berlin. Both were rising young pianists, and both had come from their native Russia to study under the distinguished Artur Schnabel. Marrying, they at once renounced separate careers and set out to perfect their technique as duo-pianists. In this first film they play, "Waltz in A Flat" by Brahms, "Valse" by Arensky, and "Flight of the Bumblebee" by Rimsky-Korsakov.

Vronsky and Babin,

Duo-Pianists—No. 2

School Week Rental \$2.00

(No. 2254 - 10 Minutes) Speaking of Vitya Vronsky and Victor Babin, the brilliant young duo-pianists, the New Yorker has exclaimed, "They make their pianos sing like matched voices." Many other compliments, equally enthusiastic, have been heaped upon this talented and charming Russian couple who are partners both in life and in art. In this second film they give an extraordinary performance of "Dances of the Polovetzki Maidens" from Borodin's opera, "Prince Igor."

Emanuel Feuermann, Cellist

School Week Rental \$2.00

(No. 2252 - 7 Minutes) Emanuel Feuermann made his debut at the age of eleven, and was teaching the cello at Cologne University when he was seventeen. He made his American debut with the Philharmonic Symphony Orchestra of New York, and later made successful American and world tours. His mastery of his difficult instrument is so outstanding that he won the enthusiastic praise of leading critics and the universal admiration of the music-loving public. In this film Mr. Feuermann plays "Rondo, Opus 94" by Anton Dvorak, and the "Spinning Song" by David Popper.

Coolidge Quartet, String Ensemble

School Week Rental \$2.00

(No. 2257 - 10 Minutes) The Coolidge Quartet, oldest and most prominent string quartet of American origin, comes nearer to being the official musical organization of the United States than any other, because of its connection with the Library of Congress. Its members are

William Kroll and Nicolai Berezowsky, violins; Nicholas Moldavan, viola; and Victor Gottlieb, cello. In this film the quartet plays the Andante from "String Quartet in E Flat Major" by Carl Von Dittersdorf, and the Fugue from Beethoven's "Quartet in C Major, Opus No. 3."

Mildred Dilling, Harpist

School Week Rental \$2.00

(No. 2255 - 9 Minutes) Why is the harp so seldom heard as a solo instrument? The answer lies, perhaps, more in the musician than in the instrument, for the golden voice of the harp can be called forth in its true beauty only by the hand of a master. Mildred Dilling has such a hand, and the music of her harp is acknowledged to be the product of a superb artistry. In this film she plays "The Fountain" by Zabel, "Fireflies" by Hasselmans, and "March of the Men of Harlech," a Welsh air arranged by John Thomas.

Igor Gorin, Baritone

School Week Rental \$2.00

(No. 2256 - 7 Minutes) Igor Gorin was born into the musical tradition of the Ukraine, studied at Vienna's famed Conservatory, and became the star baritone of the Czechoslovakia State Opera. Arriving in America he was hailed as "the singing actor for whom this generation has been waiting." His magnificent voice, sound musicianship, dramatic abilities, and dynamic personality are evidenced by this film, in which Mr. Gorin sings "Largo al Factotum," from Rossini's opera, "The Barber of Seville."

Story of the Violin

School Week Rental \$1.50

(No. 2444 - 11 Minutes) Jacques Thibaud plays "Spanish Dance No. 4" by Granados as an introduction to this history of the violin. After showing us that violin making has been recognized for several centuries as an art requiring consummate skill, the film portrays the evolution of the violin and related stringed instruments. To illustrate differences in tone and construction, it depicts a string quartet of the present and one of the eighteenth century, and compares the modern bass, cello, viola, and violin with the corresponding instruments of the earlier period.

Tschaikovsky

School Week Rental \$1.00

(No. 4225 - 11 Minutes) Three significant episodes in the life of Peter Ilich Tschaikovsky are portrayed in this film, accompanied by selections from his immortal music played by a symphony orchestra under the direction of Nathaniel Shilkret. The dramatic incidents are historically correct, and provide interesting supplementary material for a study of the great composer's life and works. The film is appropriate for use in classes in music and music appreciation.

ART

Rembrandt

School Week Rental \$1.00

(No. 2095 - 10 Minutes) After briefly sketching the history of painting, this film gives us a careful dissertation on the life and work of the great Dutch artist, Rembrandt van Rijn. Beginning his independent career at the age of sixteen, Rembrandt produced a series of brilliant canvasses which brought him fame and fortune by his twenty-sixth year. Later, through good fortune and bad, he continued his arduous labors, perfecting his style first in portraiture and then in the portrayal of groups. The film reproduces many of Rembrandt's paintings, and is climaxed with a spectacular review of his principal works.

Art Survives the Times

School Week Rental \$1.50

(No. 2289 - 10 Minutes) The art treasures of France, which were carefully hidden away during the war, are returned to their places in the famous palaces, museums, and art galleries of Paris. Braque, Matisse, Picasso, Roualt, Utrillo, Janniot, Le Corbusier, Perret, and other living masters of painting, sculpture, and architecture are seen at work or in their homes, and several rising young artists are introduced. Once again, such places as Montmartre, Montparnasse, the Louvre, and Malmaison are flourishing centers of an artistic tradition which refuses to die, and which is already finding expression in the art and architecture of the new France.

VOCATIONAL TRAINING

Office Practice

Basic Typing (Machine Operation)

School Week
Rental \$3.00

(No. 1372 - 28 Minutes) A demonstration on an electromatic typewriter, showing typing speeds ranging from 20 to 180 words per minute, opens this film. In this exhibition the importance of a constant rate of speed is stressed, and it is suggested that the typist should keep a notebook for recording errors. The film then points out the principal parts of various standard makes of typewriters, giving their names and explaining their function. Among the parts thus described are the platen, carriage scale, alignment scale, type guide, line spacing adjusting lever, variable line spacer, margin controls, ribbon control, etc. *A U. S. Navy Training Film.*

Basic Typing (Methods)

School Week
Rental \$3.00

(No. 1371 - 30 Minutes) A very brief survey of the development of the typewriter introduces this film. A champion typist then demonstrates the fundamentals of good typing, showing the correct sitting position; the proper position of arms, wrists, hands, and fingers; the stroking of the keys; the stroking of the space bar, shift key, and back space key; the returning of the carriage; the insertion of paper; and the use of a carbon pack. Both standard and electromatic typewriters are used in the demonstrations. *A U. S. Navy Training Film.*

Advanced Typing (Short Cuts)

School Week
Rental \$3.00

(No. 1373 - 34 Minutes) Many convenient and time-saving methods are suggested by this film. It shows how to arrange paper, envelopes, carbon paper, and other supplies in the desk. It demonstrates how to set tabulator stops of various kinds and how to use decimal tabulator keys, how to insert the carbon pack, how to use card holders and special methods of typing post cards, how to draw lines on paper in type-writing, and how to type short memos without removing a long letter from the machine. Practical short cuts in addressing envelopes and typing labels are also depicted. *A U. S. Navy Training Film.*

Advanced Typing (Duplicating and Manuscript)

School Week
Rental \$3.00

(No. 1374 - 25 Minutes) This film gives valuable instructions for using a typewriter in connection with duplicating devices of various kinds. In a sequence devoted to stencil cutting, it tells how to insert a stencil, how to stroke the keys, how to trace lines, and how to make corrections. The making of master sheets for dittoing, hectographing, and offsetting is effectively demonstrated. The use of the Varsity is illustrated, together with examples of the type styles available for use with this machine. Other matters covered by the film include planning a letter layout, making characters not on the keyboard, centering letterheads, and proofreading. *A U. S. Navy Training Film.*

Machine Transcription (Machine Operation)

School Week
Rental \$2.50

(No. 2405 - 15 Minutes) The advantages of using recording and transcribing machines for handling business dictation are explained, and both Ediphone and Dictaphone equipment are demonstrated. Lenore Fenton, champion typist, tells how to transcribe properly. Among the points covered are correct posture, steps in transcribing, use of slips, operation of the machine, regulation of tone and volume, repeating, and removal and handling of cylinders. *A U. S. Navy Training Film.*

Machine Transcription (Transcription Technique)

School Week
Rental \$2.50

(No. 2406 - 22 Minutes) Proper transcription methods are covered in some detail in this film which tells how to organize a day's work, how to control and phrase dictation at various speeds, how to estimate the length of a letter and arrange it on the letterhead, and how to correct



errors in the transcription on the cylinder. The film closes with a demonstration of rapid transcription, with emphasis upon the practices which make for neat, fast, and accurate work. *A U. S. Navy Training Film.*

Maintenance of Office Machines

School Week
Rental \$4.00

(No. 2399 - 36 Minutes) Dirt, dust, and carelessness are exposed as the three deadly enemies of office machines. Instructions are given for the care and cleaning of typewriters, dictating machines, adding machines, and calculators. Several popular makes of typewriters, including Burroughs, Electromatic, L. C. Smith, Remington, Royal, Underwood, and Woodstock, are covered in some detail. Demonstrations of the Dictaphone and Ediphone show the routine maintenance of the recorders, transcribers, record shavers, and record cylinders, and also emphasize the proper operation and handling of the equipment. Adding machines and calculators, which require little attention, are briefly discussed. *A U. S. Navy Training Film.*

Home Economics

Principles of Cooking

School Week
Rental \$2.00

(No. 2437 - 10 Minutes) The effect of cooking upon food is graphically portrayed by this film. In demonstrations, typical foods are prepared by boiling, pressure cooking, frying in deep fat, pan frying, broiling, braising, baking, and roasting. In each case it is explained how the right cooking method was chosen and how it affects the food. Clever animated diagrams are employed to show what happens when heat is applied to vegetables and meats, and how vitamins and minerals can be preserved by proper cooking methods. *An Encyclopaedia Britannica Film.*

Principles of Baking

School Week
Rental \$2.00

(No. 2438 - 10 Minutes) There are many different types of bread and pastry, depending upon the kind of leavening, the method of mixing, and the degree of heat used in baking. This film describes the ingredients of bread, cake, muffins, and pastry, telling why each ingredient is used and explaining how it acts during the baking process. It then demonstrates proper mixing and baking methods, pointing out the principles which must be followed to insure good results. *An Encyclopaedia Britannica Film.*

Home Cookery of Fish

School Week
Rental \$2.00

(No. 2440 - 10 Minutes) With fish, perhaps more than any other food, correct cooking is the secret of tastiness. This film demonstrates nutritious and attractive ways of preparing frozen filet of cod, halibut steak, and whitefish. The cod is thawed, tied in cheesecloth, boiled, and served with an egg sauce. The halibut is broiled while being basted with oil. The whitefish is stuffed, baked, and served with specially prepared vegetables. In each case, every step in the preparation of the fish is pictured in detail, with many suggestions for making the completed dish pleasing to the taste and to the eye. *An Encyclopaedia Britannica Film.*

Principles of Home Canning

School Week
Rental \$2.00

(No. 2439 - 10 Minutes) Both the principles and practices of food preservation by canning are covered by this film. It is first made clear that in all canning processes the foods are first sterilized and then sealed against food-destroying bacteria. Then, in demonstrations, we are shown how raw and partially cooked acid foods may be preserved by

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the water bath method, and how foods of low acid content may be canned with a pressure cooker. The picture stresses many important details, such as the differences in jar tops of various types, and the ways of testing rubbers and jars for defects. *An Encyclopaedia Britannica Film.*

Canning Beef

School Week
Rental \$2.00

(No. 1428 - 18 Minutes) The principles of canning beef are fully covered in this film, and approved methods are demonstrated. The class is shown how to prepare soup stocks, how to preheat beef for canning, how to pack hot beef in the canner, how to use the exhaust box to maintain the proper temperature in the filled cans, how to seal the cans, how to process canned beef in a retort, and how to cool and dry the cans before storing. *A U. S. Office of Education Film.*

Community Canning

School Week
Rental \$2.00

(No. 1393 - 17 Minutes) This motion picture is designed to acquaint students and patrons with the community cannery, and to show them how to use its facilities to the best advantage. Using beans, a typical nonacid vegetable, as an example, it demonstrates approved canning methods. Step by step, it pictures picking, washing, snapping and grading, rewashing, blanching, preparing the cans, filling and packing, exhausting, labeling, sealing, cooking, cooling, drying, and storing. Wherever necessary, it explains why certain practices are recommended and why others should be avoided. *A U. S. Office of Education Film.*

Freezing Fruits and Vegetables

(In Color)

School Week
Rental \$5.00

(No. 2271 - 16 Minutes) This highly attractive picture, filmed in gorgeous colors, is a very persuasive argument for frozen foods. It fully demonstrates the preparation of sweet corn, broccoli, strawberries, and peaches for storage in the home freezer or neighborhood locker plant. By using these typical fruits and vegetables as examples, it clearly illustrates the fundamental principles of preservation by freezing, and suggests simple and practical preparation methods which can be used successfully on many different products of the garden and orchard. *A U. S. Department of Agriculture Film.*

Vitamin-Wise

School Week
Rental \$2.00

(No. 1357 - 18 Minutes) Warning against waste from careless cooking and stressing the need for conservation of food values and fuel, "Vitamin-Wise" explains why meal preparation demands imagination as well as proper cooking. Home economists point out the vitamin values of staple vegetables and demonstrate proper methods of cooking and home canning to reduce vitamin loss to a minimum. Although produced as a wartime nutrition film, the information given in this subject will remain timely and useful. *Produced by the National Film Board of Canada.*

The Main Dish

School Week
Rental \$2.00

(No. 1356 - 18 Minutes) Many housewives do not understand the fact that an inexpensive cut of meat, appetizingly and nutritiously prepared, can often be as acceptable as a main dish as a more choice cut. By means of diagrams which show the various cuts, this film explains how to buy wisely, not asking extravagantly for steaks or sirloins, but utilizing other more reasonably priced portions. It then shows various ways in which these cuts may be cooked with highly satisfactory results, and in conclusion it introduces housewives who demonstrate tasty and economical menus which they have planned. *Produced by the National Film Board of Canada.*

Agriculture

Care of a Tractor

School Week
Rental \$2.00

(No. 1396 - 22 Minutes) After reminding tractor users that the manufacturer's instruction manual should be studied and followed step by step, this film outlines a tested maintenance plan. Under this procedure, each part of the tractor is inspected and serviced at stated intervals. For instance, the tire inflation, air cleaner cap, crank case oil supply, and certain lubricating points are checked every ten hours, or daily. Other parts are checked at intervals of sixty hours (weekly), 120 hours (semi-

monthly), 250 hours (monthly), 400 hours (bimonthly), or 1000 hours (seasonally). Thus each part receives adequate attention and unnecessary wear and breakdowns are avoided. *A U. S. Office of Education Film.*

Forging With a Hand Forge

School Week
Rental \$2.00

(No. 1425 - 13 Minutes) After pointing out that emergency jobs can often be performed with an ordinary hand forge, this film explains how such a forge operates. Then, step by step, it depicts the forging of a draw-bar rod from a piece of mild steel, showing how to build and maintain an open fire, how to prepare and use blacksmith's coal, how to lay out and mark the stock, how to judge the temperature of the heated steel, how to bend and form the stock, and how to true and cool the finished rod. *A U. S. Office of Education Film.*

Forge Welding

School Week
Rental \$1.00

(No. 1426 - 12 Minutes) As this film points out, it is possible to do many welding jobs on an ordinary hand forge. In this way, emergency repairs can often be handled with very satisfactory results and with a great saving of time. Depicting each operation in detail, this film shows how to maintain a clean, deep, hot fire; how to heat mild steel for forging; how to upset and scarf round stock; how to make a lap weld; and how to shape and hammer-refine the weld. *A U. S. Office of Education Film.*

Sharpening and Tempering Farm Tools

School Week
Rental \$2.00

(No. 1427 - 15 Minutes) It is demonstrated in this film that an ordinary hand forge can be an invaluable aid in keeping farm tools sharp and in good working condition. Carefully explaining each operation, it shows how to heat carbon steel tools for forge sharpening; how to sharpen, harden, and temper a plowshare; how to sharpen, harden, and temper a cultivator shovel; and how to identify tempering colors. *A U. S. Office of Education Film.*

Automotive

Know Your Car

School Week
Rental \$2.00

(No. 1431 - 14 Minutes) Emphasizing that the driver who knows why his automobile runs can get longer and better service from it, this film uses actual pictures, animated diagrams, and cross sectional drawings to show the main parts of a car and tell how they operate. The various assemblies which are covered in some detail include the frame, running gear, steering mechanism, engine, ignition system, cooling system, clutch, rear axle, brakes, electrical system, and instrument panel. *A U. S. Office of Education Film.*

Your Driving Habits

School Week
Rental \$2.00

(No. 1432 - 14 Minutes) Many automobile users have bad driving habits of which they may be entirely unaware, but which nevertheless decrease the ease, economy, and safety of their driving. To bring about the correction of such faults, this film outlines the elements of good driving and shows how to start the engine; how to use the clutch; how to shift gears; how to use the brakes; how to drive on curves, pavements, and mountainous roads; how to drive through ice, snow, water, and mud; and how to park a car. *A U. S. Office of Education Film.*

Keeping Your Car Fit

School Week
Rental \$1.00

(No. 1433 - 11 Minutes) This film attacks the problem of automobile maintenance by telling why the various parts must be inspected and serviced at regular intervals. From this point of view, it explains the routine care and crisscrossing of tires, the checking and servicing of the battery, the periodic inspection of the radiator and cooling system, the selection and changing of engine oil and gear lubricants, the replacement of oil filter elements, and the systematic lubrication of the various parts. *A U. S. Office of Education Film.*

The Periodic Check-Up, Moving Image Archive

School Week
Rental \$2.00

(No. 1434 - 18 Minutes) It is axiomatic that the best way to handle trouble is to keep it from happening, but many drivers are not aware of the extent to which this principle should be applied to their automobiles. This film tells how the periodic check-up insures against inefficient operation, unnecessary wear, and costly breakdowns. Among other things, it offers a practical schedule of inspections, detailing the proper procedure for tuning up the engine, servicing the brake system, checking the steering gear, and inspecting the chassis and body. *A U. S. Office of Education Film.*

Trouble-Shooting Your Car

School Week
Rental \$1.00

(No. 1435 - 12 Minutes) Sooner or later, every automobile user finds himself behind the wheel of a car which has stopped, or which simply refuses to start. Often, in such cases, he can avoid needless delay, inconvenience, and expense if he understands the fundamentals of trouble-shooting. This film shows how the driver can locate and correct minor car troubles, how he can determine why a car will not start by following a step-by-step procedure, and how he can recognize symptoms of impending trouble. *A U. S. Office of Education Film.*

Introduction to Preventive Maintenance

School Week
Rental \$1.50

(No. 1436 - 11 Minutes) The old practice of simply driving a vehicle until trouble comes is contrasted with the new method of following a regular schedule of check-ups so that needed repairs can be made in time to stop excessive wear and prevent breakdowns. The film shows why trucks require more frequent attention than passenger cars, and depicts various checking procedures, in which tests are made by observation and instruments. The importance of keeping proper maintenance records is especially emphasized. *A U. S. Office of Education Film.*

The Battery, Ignition, and Electrical System

School Week
Rental \$3.00

(No. 1437 - 27 Minutes) Here we have a detailed treatment of the electrical system of the modern automobile, with the operation and maintenance of all the principal parts clearly illustrated and explained. Among other things, the film shows how to check and service the battery, how to check the starting motor and the generator, how to inspect low tension wiring, how to check the lighting circuit and the electrical instruments, how to test the voltage and current regulator, and how to check and test the ignition system. *A U. S. Office of Education Film.*

The Engine Assembly

School Week
Rental \$2.00

(No. 1438 - 20 Minutes) Many complicated features of the automobile engine are made readily understandable by this film which includes detailed sequences on the cylinder head and block; the intake and exhaust manifolds; the under-chassis parts; the valve mechanism and tappets; the vents, screws, and air filters; the oil filter and oil lines; and the cylinder assembly. Approved procedures for checking and adjusting the various parts are demonstrated. *A U. S. Office of Education Film.*

The Cooling System and Fuel System

School Week
Rental \$2.00

(No. 1439 - 17 Minutes) Two essential assemblies of the automobile—the cooling system and the fuel system—are clearly pictured, diagrammed, and explained by this film. Among the parts covered are the radiator, the fan and water pump, the carburetor, the filters and vents, the fuel pump, and the fuel line. Instructions are given for routine and emergency check-ups, with valuable suggestions for locating trouble, finding leakage, and making adjustments. *A U. S. Office of Education Film.*

Engine Tests and Tune-Up

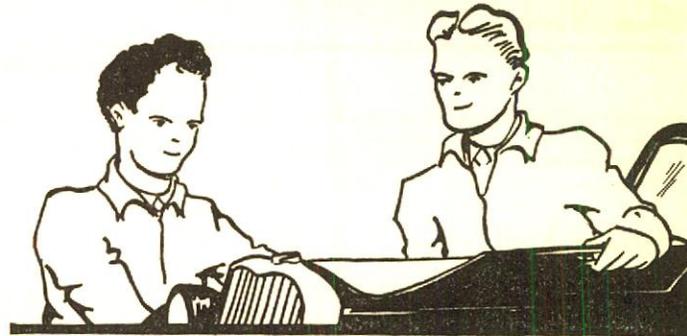
School Week
Rental \$2.00

(No. 1440 - 21 Minutes) Many of the things which seriously affect the operation of an automobile engine can easily be corrected by making a few simple tests and adjustments. In this film, the car user or mechanic is shown how to adjust the automatic choke, how to check and adjust ignition, how to time the ignition, how to check and adjust valve tappets, how to adjust the carburetor, and how to make vacuum gage tests. *A U. S. Office of Education Film.*

The Clutch and Hand Brake

School Week
Rental \$1.00

(No. 1444 - 11 Minutes) No automobile can be operated safely or efficiently if the clutch and hand brake are not properly adjusted. This valuable film shows how to determine the amount of clutch pedal clearance or "lash"; how to correct abnormal clutch pedal lash; how to check the condition of the pull-back spring; how to check the clutch for slipping, grabbing, or drag; and how to inspect and adjust the hand brake. *A U. S. Office of Education Film.*



The Hydraulic System

School Week
Rental \$1.00

(No. 1441 - 11 Minutes) One of the most important safety factors of the modern high speed automobile is nullified if the hydraulic brakes are not kept in perfect working condition. This film outlines the essentials of brake maintenance with graphic simplicity, demonstrating how to check brake pedal travel, how to examine the brake lining, how to adjust the brake shoes, and how to inspect and adjust the hydraulic brake fluid system. *A U. S. Office of Education Film.*

Steering, Wheels, Front and Rear Axles

School Week
Rental \$2.00

(No. 1442 - 17 Minutes) Proper maintenance of the steering gear and wheel assemblies eliminates driving hazards and increases tire mileage. Among other things, this picture tells how to check for play in the steering wheel; how to check the front end assembly for excessive play; how to make a rough test for wheel balance; how to correct run-out; how to make a toe-in test; and how to test springs, axles, and over-all backlash. *A U. S. Office of Education Film.*

Transmission, Drive Shaft, and Differential

School Week
Rental \$2.00

(No. 1443 - 18 Minutes) Through the use of well-chosen pictorial, diagrammatic, and explanatory material, this film conveys a clear understanding of the operation and maintenance of the transmission, drive shaft, and differential. It shows how to check the transmission gear shift mechanism; how to inspect the drive shaft and the differential; how to check differential backlash; and how to test the running condition of the transmission, drive shaft, and differential. *A U. S. Office of Education Film.*

Shop Work

The Lathe

School Week
Rental \$2.00

(No. 1421 - 15 Minutes) This film describes the lathe, the basic machine used for cutting metal into cylindrical shapes. After pointing out and explaining the principal parts of the lathe, this film shows the machine in use. It outlines correct operating methods, and demonstrates how the work piece is supported between centers, how power is applied to rotate the work piece, how the spindle speed is regulated, how the position of the work piece may be adjusted, and how the rate of feed may be varied to fit the job. *A U. S. Office of Education Film.*

The Shaper

School Week
Rental \$2.00

(No. 1423 - 15 Minutes) The shaper, described in this film, is one of the basic machines, used for producing flat surfaces on metal. The essential parts of the shaper are indicated and their functions are explained. Then the operation of the machine is demonstrated, and it is pointed out how the cutting tool is mounted and positioned, how the work piece is mounted, how the length of the cutting stroke is controlled, how the feed table is adjusted, and how the cutting speed is regulated to fit the job. *A U. S. Office of Education Film.*

The Drill Press

School Week
Rental \$1.00

(No. 1424 - 10 Minutes) Here we have a description of the drill press, a basic machine used for drilling round holes in metal. The film points

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out and explains the essential parts of the drill press, and shows how it works. It then demonstrates correct operating methods, showing how to feed the drill into the work piece, adjust the worktable, fit drills into the spindle, raise and lower the spindle arm, etc. Finally, it depicts a number of adaptations of the common drill press, such as the gear-driven upright drill press, the radial drill press, and the multiple spindle head drill press. *A U. S. Office of Education Film.*

Hand Soldering

School Week
Rental \$2.00

(No. 1401 - 20 Minutes) This film explains the theory of uniting metallic surfaces by soldering, and demonstrates accepted practices of hand soldering. It covers various kinds of jobs, such as joining wires, connecting wires and terminals, and sealing seams and joints. It shows how to prepare soldering irons and torches, how to clean and prepare the surfaces, how to apply the solder and flux, and how to use the heated iron or flame. Necessary safety precautions are emphasized throughout the film. *A U. S. Office of Education Film.*

Using a Portable Spray Gun

School Week
Rental \$3.00

(No. 1481 - 28 Minutes) The proper use and care of spray guns is demonstrated in this detailed film. After pointing out and explaining the various parts of the equipment, the picture shows how a pressure tank operates; how to clean portable spray guns; how to adjust the paint, spray, and air controls; how to stroke while painting; and how to use a suction type spray gun. *A U. S. Office of Education Film.*

Woodworking

Turning a Cylinder Between Centers

School Week
Rental \$2.00

(No. 1453 - 16 Minutes) The wood lathe, probably the oldest of all woodworking machines, is indispensable for turning cylindrical shapes. This film shows how to select and center stock for turning a cylinder, how to mount the stock in the lathe, how to adjust the toolrest, how to choose the proper motor speed for each stage of the job, how to select and use the proper tools for each cutting operation, how to eliminate accident hazards, how to rough-turn the stock, how to establish the diameter and length, how to turn the job to size, and how to sand the completed cylinder. *A U. S. Office of Education Film.*

Turning Taper Work

School Week
Rental \$2.00

(No. 1454 - 12 Minutes) Taper work, which adds beauty to the art of woodworking, is produced on the wood lathe. This film shows how to select and center the stock for turning a spindle, how to mount and rough-turn the stock, how to establish diameters for the taper, how to make clearance cuts, how to turn the taper to size, and how to complete and sand the spindle. In conclusion, the turning of two tapers from a single piece of wood is demonstrated. Safety precautions are stressed throughout the picture. *A U. S. Office of Education Film.*

Turning Work on a Faceplate

School Week
Rental \$2.00

(No. 1455 - 15 Minutes) This film depicts the various kinds of faceplates used on wood lathes and explains the advantages of each. It tells how to select the right faceplate and a suitable piece of wood stock for a certain job. It shows how to attach the stock to the faceplate, and how to lay out the job. Then, step by step, it pictures the turning of the outer and inner surfaces of a cup-shaped object, covering the selection of tools, the checking of measurements, and the finishing of the completed article. *A U. S. Office of Education Film.*

Turning Work in a Chuck

School Week
Rental \$2.00

(No. 1456 - 17 Minutes) This film explains how the use of a chuck on a wood lathe makes it possible to turn both faces of a piece of work without leaving a mark on either face. First, as the film shows, the work piece is mounted on a faceplate and turned on one face. Then a special chuck is turned from another piece of stock, and the completed face of the work piece is fitted into the chuck. Finally, the remaining face of the work piece is turned and the finished job is removed from the chuck with both faces unmarred. *A U. S. Office of Education Film.*

Face Turning a Collar

School Week
Rental \$2.00

(No. 1457 - 16 Minutes) To illustrate how to face turn a collar on a wood lathe, this picture shows the making of a flange pattern to exacting specifications. The job includes turning a faceplate chuck, fastening the chuck to the faceplate, attaching the stock to the chuck, measuring and marking the stock, turning the outside of the collar to size, turning the inner hub to size, turning the tapered recess to size, and checking and sanding the completed pattern. The procedure followed in this demonstration may, of course, be applied to many similar jobs. *A U. S. Office of Education Film.*

Ripping and Crosscutting

School Week
Rental \$2.00

(No. 1446 - 18 Minutes) This film demonstrates the use of the variety saw for ripping and crosscutting operations. It first shows us the working parts of the variety saw and explains the functions of each part. It then tells, by means of pictures accompanied by graphic explanations, how to check saw blades, how to set the fence, how to protect one's self on the job, how to change saw blades, how to use a cutoff gage, and how to use a hinged block in crosscutting. *A U. S. Office of Education Film.*

Beveling, Mitering, Rabbeting, and Dadoing

School Week
Rental \$2.00

(No. 1447 - 18 Minutes) This film gives valuable instructions for several useful operations on the variety saw. It demonstrates the cutting of a bevel on a baseboard, the cutting of miter joints on a rectangular frame, the cutting of rabbets on cabinet parts, and the dadoing of members of a cabinet. In the course of the film, we learn how to cut a bevel with a tilted fence, how to cut a bevel with a tilted blade, how to set a miter gage, how to use a stopblock in mitering, how to set the fence and blade for cutting rabbets, and how to install and use a dado head. *A U. S. Office of Education Film.*

Cutting Tenons and Segments

School Week
Rental \$2.00

(No. 1448 - 14 Minutes) A number of useful operations on the variety saw are demonstrated in this film. We are shown how to lay out and cut a tenon, how to set up the equipment to make shoulder cuts, how to set up the equipment to make first and second check cuts, how to prepare a jig to trim and miter segments, and how to guide the jig with the aid of a sliding miter gage. Correct operating procedure and the use of safety devices is stressed throughout the film. *A U. S. Office of Education Film.*

Sawing With Jig and Changing Band

School Week
Rental \$2.00

(No. 1450 - 20 Minutes) Valuable instructions for the proper care, adjustment and use of the band saw are offered by this film. In a series of well-devised sequences, it shows how to select the proper blade for a given job, how to change blades, how to fold blades for storage, how to adjust the saw guides, how to mark the stock and cut to the mark, how to prepare a jig, and how to use a jig in cutting discs. *A U. S. Office of Education Film.*

Sawing a Reverse Curve and a Bevel Reverse Curve

School Week
Rental \$2.00

(No. 1451 - 17 Minutes) The use of a band saw for sawing reverse curves and bevel reverse curves is graphically depicted by this film. Among other things, this picture includes sequences which show how to select and lay out stock to avoid waste, how to reverse curves to contour lines, how to use the table tilting gage, how to saw a beveled reverse curve, how to prepare a template for a newel post, and how to saw a newel post which has reverse curves. *A U. S. Office of Education Film.*

Sanding Flat and Irregular Surfaces

School Week
Rental \$2.00

(No. 1452 - 18 Minutes) Proper methods of using and servicing various kinds of sanders are demonstrated in this film. In a sequence devoted to the belt sander, the picture explains the operation of these machines and shows how to prepare a sanding belt, how to sand flat stock, and how to sand curved molding. In the sequences depicting the disc sander and the spindle sander, the film gives operating instructions and shows how to replace the sandpaper on these machines. *A U. S. Office of Education Film.*