

WAR FILMS

*Est. Dec.
Bloomington*



BULLETIN OF THE EXTENSION
DIVISION, INDIANA UNIVERSITY

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War Information Center

This bulletin, *War Films*, is issued as one of the services of the War Information Center of Indiana under the direction of the following committees:

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WAR FILMS

Introduction

This *War Films* bulletin has been prepared to facilitate the effective utilization of films both by schools and adult discussion groups.

The films in this bulletin have been chosen to meet the needs of the program chairman or school official who is confronted with the need of arranging a program on a topic related to the war effort.

The films are classified under such arbitrary headings as conservation, nutrition, post-war planning, and pre-flight training. The person using the bulletin must realize that no film deals entirely with one subject to the exclusion of all others. There is overlapping in the content of the films; however, an attempt has been made to classify each film under the heading which receives the most emphasis. The index provides an alphabetical listing of all films.

Only a minimal number of films of a strictly instructional nature are included. The teacher who is interested in classroom films should use the September, 1941, Bulletin and Supplements which classify films according to subjects and grade levels. The films are recommended for junior high school, high school, college, and adult levels. Upon request the Bulletin will be sent free of charge.

Those films dealing with various phases of the war effort which had been added to the library on or before March first are listed herein. New films are continually being added. If the film you wish is not listed, write to the Bureau. It may have been added later.

The price listed after each film is the rental fee for one day's use of that film when used by itself by a borrower. The charge of 50¢ for certain films is a special service charge for those deposited by government agencies. If more than one government film is ordered for the same day's use, this charge is reduced to 25¢ for all those films after the first, to be sent in the same shipment. These government films may be kept for as long a period as the borrower can keep them busy, with no additional charges. Rental films owned by the Bureau may be obtained for one day's use for the charge listed. A reduced rate is made for additional days' use and for films obtained under an enrollment plan which provides 100 reel days of use for \$30. In all instances the borrower pays the transportation charges both ways.

In order to save expense and to obtain optimum use of the films various groups within the community should arrange to show the same program. For instance, the program may be shown to school groups in the morning, to a luncheon club at noon, and to a fraternal, social, or civic gathering in the evening. To effect such programming and scheduling a community director of visual activities should be appointed to act as a liaison among the various organizations, to coordinate their activities, and, whenever possible, arrange programs that are suitable for consecutive use by several organizations.

Over 80 per cent of the projectors in the state of Indiana are owned by schools, which in most instances are willing to share them

with clubs and organizations in the community. In many communities the organizations pay the rentals for the films and the school furnishes the projector and operator. With the steady stream of valuable motion pictures that are being released by the Office of War Information and other official agencies, every community should have functioning film programs throughout the year. School-owned equipment, trained student operators, and auditorium facilities should be used during the summer months by approved community organizations.

Following are some programs which have been successful:

- On Latin America (a 66-minute program)
 - Americans All
 - Our Neighbors Down the Road
- On Air Raid Precautions (35 min.)
 - Goofer Trouble
 - Air Raid Warden
 - A New Fire Bomb
- On Education in Wartime (33 min.)
 - Campus on the March
 - Negro Colleges in Wartime
- On Agriculture in Wartime (33 min.)
 - Democracy in Action
 - Henry Browne, Farmer
 - Home on the Range
- On Industry in Wartime (44 min.)
 - The Arm Behind the Army
 - Manpower
 - Airscrew
- On England and the War (44 min.)
 - Listen to Britain
 - Dover
 - Air Communiqué
- Of General Interest (55 min.)
 - Target for Tonight
- On the Home Front (37 min.)
 - Divide and Conquer
 - Price of Victory
 - Safeguarding Military Information

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Air Raid Precautions and Fire Fighting

Ack Ack. DS-38. 1 reel (sound) \$1.25
 Filmed from actual experiences in Britain during the war, "Ack Ack" shows the work of anti-aircraft batteries in locating planes, predicting flight position, preventing accurate bombing, and shooting down enemy planes.

Air Raid Warden. DS-21. 1 reel (sound) \$1.25
 Work of a neighborhood air raid warden during a blackout. Film emphasizes the need for exact knowledge of all natural hazards, for friendly and tactful treatment of the residents, and for strict attention to duty.

An Air Raid Warden's Report. DS-145. 1 reel (sound) \$50
 Describes the place which the air raid warden occupies in the civilian defense set-up. Shows that the operation of the control center and the dispatch of fire, police, and medical units are dependent on his ability to get his report in quickly and his ability to report accurately.

Fight that Fire. DS-77. 1 reel (sound) \$1.25
 The most effective methods of fighting fire and how to use the right fire-fighting weapons.

Fighting the Fire Bomb. DS-28. 1½ reels (sound) \$2.00
 Damage by incendiary bombs, how they are constructed, and how to extinguish them.

Goofer Trouble. DS-39. 1 reel (sound) \$1.25
 How a "goofer"—a person who emerges from shelter during an air raid to judge the performance of fighter pilots—kept a Canadian pilot from Downing a German plane over England. Ends with a plea to the audience to leave fighting to the army.

London Fire Raid. DS-40. 1 reel (sound) \$1.25
 Photographed during the London fire raid of December 29, 1940. Shows co-ordination between workers in a central control room and the fighting forces spotted over the city.

Mr. Proudfoot Shows a Light. DS-41. 1 reel (sound) \$1.25
 Mr. Proudfoot, who takes London blackouts casually, points the way for enemy bombers to an aircraft factory a few miles away. The enemy pilot leaves a "calling card" to thank Mr. Proudfoot.

Neighbors Under Fire. DS-63. 1 reel (sound) \$1.25
 The neighborly spirit with which the emergency was met after an early blitz raid in 1940 in a London dockland district. Volunteer Aid Services work efficiently clothing, feeding, and providing shelter for those in need and caring for children to free parents for other work.

A New Fire Bomb. DS-140. 1 reel (sound) \$50
 How to fight a new type of explosive fire bomb. Wardens and civilians are warned to keep away from bombs that have fallen in the street. Various methods are shown for attacking bombs that have fallen in houses. The film demonstrates ways of applying water while taking advantage of the protection of brick walls. The film closes with a brief message from James M. Landis.

R.A.F. Action. DS-61. 1 reel (sound) \$1.25
 A newsreel compilation of high spots in R.A.F. action, the machines and the men from all over the world who fly them. First, a short historical survey. Next, types of bombers in current use. After showing various stages in training and reporting to Intelligence Officers, the film ends with actual combat shots in the Battle of Britain, and attacks on convoys.

Ready on the Home Front. DS-152. 2 reels (sound) \$50
 Produced by Bell Telephone in cooperation with the Office of Civilian Defense, this film shows the ways in which citizens can cooperate in defending their homes. Beginning with a map of Indians and closing with a proclamation by Governor Schriener, the film shows such precautionary devices as blackout curtains, home fire-fighting equipment, location of a bomb shelter within the home, and cooperation with defense authorities.

Royal Observer Corps. DS-66. 1 reel (sound) \$1.25
 The work of Britain's civilian corps for air defense—men who take time from their regular jobs to man spotter's posts. Routine of spotting, identifying, and reporting aircraft to control centers.

Shunter Black's Night Off. DS-68. 1 reel (sound) \$1.25
 Actual experience of a wagon chaser in the shunting yard of an English railroad junction, when an incendiary raid sends him back to work on his night off. His heroism in extinguishing a blazing car full of explosives illustrates the need for dealing with incendiary bombs quickly.

Spotting the Bomber. DS-44. 1 reel (sound) \$1.25
 A graphic comparison of outstanding characteristics of both enemy and friendly planes by means of simplified drawings.

The Work of the Rescue Unit. DS-131. 1½ reels (sound) \$50
 The systematic approach to the problem of training civilians in rescue work. The procedures for assigning volunteers to the type of work for which they are prepared and training them to perform as a unit. The film follows a squad from the sounding of alarm, going to the scene, surveying the wreckage and taking notes, tunneling for buried victims, to the orderly departure of the squad from the scene. Throughout the commentator gives valuable suggestions and precautionary advice.

United States at War

Divide and Conquer. DS-128. 1 reel (sound) \$50
 Nazi techniques of spreading hate and fear, distrust and confusion. The film shows how Hitler used all the devices of propaganda and espionage to destroy the morale of the French people—radio broadcasts, paid German agents, and fifth columnists. The film also points out that the fifth column is busy in America today—in subways, on streets, in restaurants—spreading the same seeds of distrust, confusion, and fear. Ending upon a note of faith, the film states emphatically that we Americans will not be frightened, will not be confused.

Japanese Relocation. DS-86. 1 reel (sound) \$50
 Immediately following Pearl Harbor, one of the critical problems facing the United States was what to do with the 100,000 people of Japanese descent living up and down the Pacific Coast. The immediate step was to remove all Japanese from critical areas around air fields, harbors, and industrial plants, to forestall sabotage and espionage. This mass migration accomplished by the Army working with the War Relocation Authority is shown in the film—from the first registration through the movement to temporary quarters established in race tracks and fair grounds to the final migration to settlements in Arizona, Colorado, Utah, and Wyoming.

Japs Bomb U.S.A. DS-58. 1 reel (sound) \$1.25
 Newsreel pictures of the attack of Dec. 7, 1941, on Pearl Harbor. Closes with America's ringing answer to the enemy challenge.

Know Your Enemy—Japan. DS-60. 1¼ reels (sound) \$1.75
 Produced in cooperation with the Institute of Pacific Relations, this film answers such vital questions as: How large is the Japanese Empire? Is Japan self-sufficient in food? What is Japan's naval and military strength? What are the living standards of the Japanese people? What are Japan's vital weaknesses? How can Japan be defeated?

A Letter From Bataan. DS-83. 1¼ reels (sound) \$50
 In the jungles of Bataan two American soldiers, victims of night blindness, are hit by a Jap bomb. Pete is killed outright; as Johnny dies on the operating table, his last words are, "I've got to write a letter." Johnny's "letter" is a plea to the folks at home to see to it that other American soldiers have the things he and Pete lacked on Bataan.

MacArthur in the Philippines. DS-62. 1 reel (sound) \$1.25
 Biographical film. MacArthur's days at West Point to his assumption of allied command in the Pacific. Shows Japanese bombing of Manila and the stand at Bataan.

Midway and Coral Sea Battles. DS-94. 1 reel (sound) \$1.25
 Destruction rained on the Japanese fleet by daring U.S. Army and Navy flyers. Japanese bombers attack our fleet and are repelled. The saga of the aircraft carrier Lexington. MacArthur in Australia. Yank convoys arrive. Japanese bombers attack Darwin. U.S. bomber in thrilling crash landing.

Safeguarding Military Information. DS-85. 1 reel (sound) \$50
 Originally made by the Motion Picture Academy of Arts and Sciences as a training film for the U.S. Army. It stresses the importance of secrecy on the part of military personnel and workers engaged in defense activities, and shows the results of careless talk. Dramatic scenes of ship explosion, sabotage, and disastrous events resulting from thoughtless revelation of information to the enemy.

Thunder Over the Orient. DS-69. 2 reels (sound) \$2.50
History of Japanese aggression from attacks on China in 1891 to the attack on Pearl Harbor. Emphasizes causes leading to present war.

U.S. News Review No. 1. DS-125. 2 reels (sound) \$.50
The first of a series of monthly news reviews, this issue covers six subjects: women at war, women working at the Army proving grounds at Aberdeen, Maryland, firing guns, driving tanks, recording test performances; new flag made for President Roosevelt from the blueprints of President Wilson's wartime flag; Malta fights on, the courageous men and women of Malta and the British sailors who man the convoys supplying the island; the campaign of soldiers, operators, and miners at Mt. Carmel, Pennsylvania, to increase coal production; war in the Pacific; and wartime harvest bumper crops and their wartime significance.

U. S. News Review No. 2. DS-149. 2 reels (sound) \$.50
Unnecessary travel, mobile laundry for front line troops, Alcan Highway, jungle fighting, and marines' hymn.

U. S. News Review No. 3. DS-92. 2 reels (sound) \$.50
Covers these six subjects: a plywood bomber; "fixit" since no new household appliances are being manufactured; a report from New Guinea; liberators blast Naples; a letter from Hocking; and United States Coast Guard Song.

Washington in Wartime. DS-95. 1 reel (sound) \$1.25
Intimate meetings with men who are shaping America's destiny—President Roosevelt, Admiral King, General Marshall, W.P.B. Chairman Nelson, and many other world-famous personalities.

Allied Countries at War

The Atlantic. CS-20. 2½ reels (sound) \$3.00
An all-diagram film with a clear commentary, explaining the history of the Western World, its commercial development, racial problems, colonial and imperial expansion, in relation to the lands that border the Atlantic Ocean.

Australia Marches with Britain. DS-46. 1½ reels (sound) \$2.00
Dedicated to maintaining a life-line to Britain, Australia forges ahead in the production of supplies and munitions for export; "Aussie" troops are shown training and embarking for the front lines.

Britain on Guard. DS-48. 1 reel (sound) \$1.25
Contrasts the peaceful life of England which had known no invasion for 1000 years with the England of today; shows how every citizen is adjusting himself to service of his country.

Byways of France. KS-3. 1 reel (sound) \$1.25
Pre-war peasant life in Brittany and Normandy, set in the peaceful tempo of the countryside.

Canadian Landscape. RS-29. 2 reels (sound-color) \$5.00
In this color sketch A. Y. Jackson, one of Canada's foremost modern painters, interprets the Canadian scene. The artist visits the brilliant autumn hills of Northern Ontario, explaining in his own words how he chooses a theme and builds a sketch. In spring he makes a trip to old Quebec to catch the April sun on the snow. Jackson's studio technique is shown and some of his finest canvases are reproduced.

Citizen's Army. DS-50. 1 reel (sound) \$1.25
Men from all walks of life are trained for the British Home Guard. Scenes from training schools show instruction in use of modern weapons, methods of attack, camouflage, and dispersal under aircraft fire. Practice maneuvers in the heart of London.

Dover. DS-141. 1 reel (sound) \$.50
The spirit of England—indomitable, courageous—no longer on the defensive, but training for the offensive. Men are learning to operate assault landing boats and rehearsing tank tactics. The R.A.F. sends Spitfires and Hurricanes across the Channel by day, giant Stirlings and Lancasters over German industrial cities by night. Mr. Murrow, CBS correspondent in London, talks to military men, to the Mayor of Dover, to a girl in an anti-aircraft battery, to a housewife.

Folk Dances. HS-41. 1 reel (sound) \$1.25
Three authentic folk dances by the Soviet State Ensemble of the Folk Dance: Moldavents (Moldavian Dance); Krizhacheck (Beylo-Russian); Kazaki (Azerbaijdzhan).

Great Lakes. IS-24. 2 reels (sound-color) \$5.00
Shows the immense amount of diversified cargoes flowing along the Great Lakes shipping routes between the United States and Canada, and outlines the great industries along the shore. Short sequences on steel production, pulp manufacture, shipbuilding, grain storage, and the workings of the great locks and canal systems.

Listen to Britain. DS-126. 2 reels (sound) \$.50
A remarkable factual record of many sounds and sights of wartime Britain. The film has no dialogue; the audience literally listens to Britain—to the rumble of tanks down the streets of sleepy villages, to the roar of Spitfires rising to intercept enemy planes, to the singing of larks, to the shouting of children. Here are the English people—soldiers, mechanics, nurses, farmers, children—whom we can be proud to call our Allies.

Middle East. DS-136. 1 reel (sound) \$1.25
This is a clear map-and-diagram film showing the middle eastern war zone—Libya, Egypt, Palestine, Iraq, Iran—and explaining how this area is a vital strategic wall between Germany and Japan.

Moscow—Heart of Soviet Russia. KS-45. 1 reel (sound) \$1.25
Scenes of the Kremlin, Red Square, and the Cathedral of St. Basil. Street scenes illustrating the life of the people. Russian children at school and at play.

Our Fighting Allies—the Czechs. DS-64. 1 reel (sound) \$1.25
Story of 15,000 Czechs in exile in Britain today and how they are aiding Britain, as lumbering and farm hands, in munitions factories, and as part of the United Nations forces.

People of Canada. CS-41. 2 reels (sound) \$2.50
The contributions of all the races which settled in Canada and how they laid the foundations for democracy through their cooperation and respect for other men's beliefs.

People of Western China. GS-30. 1 reel (sound) \$1.25
The influence of habits and customs of past centuries on present-day China. Methods of agriculture, irrigation, and the culture and use of bamboo are shown. Representative arts and crafts, methods of transportation, and engineering skills are depicted in their traditional settings.

Report from Moscow. DS-82. 1 reel (sound) \$1.25
Erskine Caldwell, American novelist and reporter, interviewed before leaving Moscow, briefly tells of the civilian defense work he witnessed. Scenes showing how the Russians are carrying out their pledge of "All for Victory!" including efforts in huge metallurgical plants, the oil industry, the rapid harvest, nurses drilling, and Red Cross work.

Russia Stops Hitler. DS-35. 1 reel (sound) \$1.25
Battle scenes in Russia during the winter 1941-42 with Russian troops, tank corps, and air forces hammering at the enemy in below-zero weather.

Scotland Speaks. DS-67. 2 reels (sound) \$2.50
Scotland's war effort: her farms contribute cattle; her pastures, now plowed, yield more oats and wheat; her industries of iron, coal, and lumber make up for reduced imports; her shipyards build more ships.

Target for Tonight. DS-96. 5 reels (sound) \$2.50
An account of an actual air raid by the Bomber Command of the Royal Air Force. New aerial photographs disclose the objective to be raided. Then comes staff planning, routine preparations, and the tension of the evening take-off. From this point the film follows a big Wellington bomber, through its bombing the target, engine trouble, wireless operator wounded, and finally its report back to headquarters.

The Thousand Days. DS-148. 2 reels (sound) \$5.00
Depicts the expansion and preparation of Canada during the 1000 days Canada has been at war—factories converted to war production, internment camps for Nazi prisoners, havens for English children bombed from their homes, a hospital for men wounded overseas, and civilians registered for national service.

War and Order. DS-72. 1 reel (sound)	\$1.25
Shows how efficiently the regular police force of Britain, supplemented by newly trained men, takes over additional duties of an emergency nature, such as fire fighting, decontamination, and first aid.	
We Won't Forget. DS-74. 1½ reels (sound)	\$2.00
A British film thanking the United States for help sent to relieve suffering among the civilian population, "We Won't Forget" gives a vivid picture of how that help functions after an air raid.	
Western Front. DS-119. 2 reels (sound)	\$50
Opening scenes show the war in Europe and America's early production efforts to supply the allied nations with war materials. With the bombing of Pearl Harbor, the United States recognized anew the importance of China who had been holding freedom's western front for more than five years. Scenes and commentary review the development of modern China prior to the Japanese aggression.	
Words for Battle. DS-76. 1 reel (sound)	\$1.25
As accompaniment for a dramatic picture of Britain at war, actor Laurence Olivier recites famous verse and prose passages chosen to illustrate the things the British people are fighting for.	

World at War. DS-143. 4 reels (sound)	\$2.50
This feature length picture produced by the Office of War Information presents graphically and dramatically the history of a world at war from the invasion of Manchuria on September 18, 1931, to the bombing of Pearl Harbor ten years later.	

Women at War

Airwoman. DS-45. 1 reel (sound)	\$1.25
Shows the various duties of the Women's Auxiliary Air Force, including acting as telephonists, messengers, teleprinters, etc.	
Home Front. DS-56. 1 reel (sound)	\$1.25
The part Canadian women are taking in essential war work at home—providing comforts, relieving suffering, bridging the gap between home and camp, taking the place of men in government departments, radio stations, offices, machine shops, on farms and airfields.	
Jane Brown Changes Her Job. MS-26. 1 reel (sound)	\$1.25
Jane Brown, a secretary, decides that she should be doing more vital war work. She goes to a training center where she is paid while she learns her new trade. She successfully completes the course, gets her job in an aircraft assembly plant, and becomes a producing member of Britain's industrial army.	
They Also Serve. DS-37. 1 reel (sound)	\$1.25
A day in the life of an average British housewife. How she helps in the war effort by keeping a home for a working daughter and husband and assisting with the housework of a neighbor who works.	
Women Are Warriors. DS-156. 2 reels (sound)	\$2.50
Summary of war tasks performed by the women of the United States.	
Women at War. DS-75. 1 reel (sound)	\$1.25
British women caring for evacuee children, working in the land army, as ambulance drivers and auto mechanics, in defense factories, ferrying planes for the R.A.F., and operating rest centers.	
Women in Defense. DS-32. 1 reel (sound)	\$1.25
Work of American women in the war effort: in scientific research, in industries taking the place of men, and in volunteer work—making bandages, contributing to blood banks, etc. Commentary by Katherine Hepburn.	

War Savings

Bonds at War. DS-146. 1 reel (sound)	\$50
Pictures the various types of fighting equipment and material, pointing out that the purchase of war bonds made this equipment possible, showing the exact amount of war bonds necessary to equal the purchase price of a particular piece of equipment; then demonstrating, by the use of film secured from the Army and Navy, how this equipment is used on our various fronts.	

On the War Bond Front. DS-147. ½ reel (sound)\$50
The war savings program from its inception to January, 1943, with special emphasis on the activities of retail stores.

The Price of Freedom. DS-139. 2 reels (sound)\$50
The establishment of the payroll savings plan in a large industrial plant, and motivation of the purchase of bonds and stamps by visualizing the things we are fighting to maintain.

Conservation

Block That Termite. US-43. 2 reels (sound)\$50
A detailed study of the destructive work of termites and how they can be stopped.

Coal for Victory. US-76. 1 reel (sound)\$50
Emphasizes the need for conservation of coal for defense needs and shows, by illustration of wasteful vs. proper methods of firing a furnace, how the average home owner can help save coal for victory.

Conservation of Natural Resources. GS-4. 1 reel (sound)\$1.25
Three natural resources: water power, forests, and farmlands. Appalling results of early wastes in lumbering industry and agriculture. Explanation of steps which have been taken to conserve these resources. Effects of wind and water erosion and unwise farming practices. Scenes from Dust Bowl. Federal efforts to check these abuses.

Forest Ranger. US-83. 3 reels (sound)\$50
The many duties and responsibilities of the forest ranger in the federal service of conserving our 160 national forests: preservation of the forest, reforestation, provision of healthful and desirable recreation, service and friendliness to people, cooperation with stockmen, fire prevention; construction of roads, trails, and bridges; preservation of the wild life, weather forecasts, cutting and marketing of trees.

Good Turns for Our Forests. U-5. 1 reel (silent)\$50
How Boy Scouts of America are aiding forest conservation through preventing forest fires. Boy Scout pageant in Washington; miscellaneous scenic views from various national forests; forest-fire scenes.

Grassland. US-6. 1 reel (sound)\$50
Shows problem of soil conservation on grazing lands of arid Southwest. Sheep and cattle on range; approved methods of attack on evils of overgrazing.

It's Up to Us. DS-57. 1 reel (sound)\$1.25
Deals with the problem of conservation of gas, oil, and rubber. Explains special needs for and methods of conserving these vital necessities.

The Land. US-81. 4 reels (sound)\$50
The story of erosion which in a century has destroyed one-seventh of our land. Presents in terms of human life the agricultural problems of erosion, migration, income disparity, and particularly mechanization.

Lubrication. US-89. 3 reels (sound)\$50
Describes the theory of friction and lubrication and its practical application to the various mechanical aspects of our war effort and everyday life. Various types of oil for different uses.

Muddy Waters. US-10. 1 reel (sound)\$50
Story of land use and abuse in Southwest. Illustrates conditions when the white man came, and how his two great industries, grazing and crop production, depleted soil-binding vegetation, resulting in destruction of soil by floods and erosion. Points way to necessary remedial measures.

The Power Behind the Nation. IS-33. 4 reels (sound)\$50
Coal is a very important natural resource for American power. The variety of consumers and the by-products of coal. The use of coal by railways. (N. and W. Railway.)

Power for Defense. DS-2. 1 reel (sound)\$1.25
Power resources in the Tennessee Valley and how used to run factories which make various types of defense materials, arms, munitions, etc.

The Price of Progress. CS-32. 1½ reels (sound)	\$2.00
Story of the white man's unwise exploitation of America's natural resources, his late awakening to the fact that these resources must be conserved, and his present efforts.	
Rain on the Plains. US-12. ¾ reel (sound)	\$.50
Overgrazing and overproduction shown to be causes of dust erosion. Preventive measures, such as terracing, strip farming, and land dams. Of general interest.	
Save the Soil. US-87. 1 reel (sound)	\$.50
Traces the causes of the wearing out of the soil with suggestions of possible ways to conserve it through crop rotation.	
Short Stops. LS-15. 1 reel (sound)	\$1.25
Importance of efficient brakes and of correct braking in driving safely. Diagrams show how hydraulic brakes work. Demonstrates space needed for stopping at different speeds and other rules for maximum safe use of brakes and tires.	
Story of Rock Wool Home Insulation. US-91. 2 reels (sound)	\$.50
By dramatization, film explains causes of draft and loss of heat in homes. Animation shows movement of air. Manufacture of rock wool insulation. Installation of insulation in homes.	
T.V.A. CS-35. 2 reels (sound)	\$2.50
Describes development of power and rehabilitation of the land and people of the Tennessee Valley under the Tennessee Valley Authority. Shows how resources, developed to improve the standard of living in a large area, can quickly be converted to produce defense materials.	
Wood for War. US-97. ½ reel (sound-color)	\$.50
Stresses importance of wood for war and for peace. Illustrates the many uses of wood such as for railroad ties, telephone poles, clothing, and defense purposes. Chemists and engineers developing new uses for wood.	

Salvage

A Few Ounces a Day. DS-54. 1 reel (sound)	\$1.25
An all-diagram film pointing out that one day's salvage by the whole British people counteracts loss of one ship. The importance of salvage to the flow of goods; various examples of useful materials commonly thrown away.	
Salvage. DS-122. ½ reel (sound)	\$.50
Donald Nelson, head of the War Production Board, discusses the need for every American man, woman, and child to save and salvage metals, fats, and rubber. American women helped win the Revolutionary War by melting their pewter dishes into bullets. American men and women today can help win this war by salvage.	

Production

The Arm Behind the Army. DS-124. 1 reel (sound)	\$.50
Shows what happened in Vienna, Czechoslovakia, Poland, Holland, and France: cities destroyed, industry taken over by the Nazis, labor conscripted, men, women, and children subjected to terror and starvation. The Axis has tremendous resources, but so have the Allies. Industry and labor must harness these resources to outproduce the Axis. From the production line to the firing line must come tanks and planes and guns.	
The Battle for Oil. DS-155. 1½ reels (sound)	\$2.00
Shows the vital part played by gasoline and oil in modern war. Spectacular shots of the tremendous Russo-German tank battles waged on the Russian front, of the Royal Air Force's deadly bombing of Germany's synthetic gasoline plants, of the sinking of the <i>Bismarck</i> emphasize the battle for oil. One of the <i>World in Action</i> series.	
Bomber. DS-30. 1 reel (sound)	\$.50
Manufacture of the Martin B-26 medium bomber. Its speed and power as a combat plane. Commentary by Carl Sandburg.	
Building a Bomber. DS-27. 2 reels (sound)	\$2.50
Step-by-step manufacture and assembly of the B-26 medium bomber in the Glenn Martin plant at Baltimore.	

Building a Tank. DS-115. 2 reels (sound)	\$.50
A complete account of the building of the M-3 tank, with considerable technical detail regarding construction processes involved. The tremendous speed-up of the tank building program.	
Conquer by the Clock. DS-84. 1 reel (sound)	\$.50
Drives home the fact that there is little difference between the patriotic but thoughtless American and the Axis saboteur. Shows how the negligence of a girl inspecting rifle cartridges and a businessman costs the lives of two of our soldiers.	
Food, Weapon of Conquest. DS-154. 2 reels (sound)	\$2.50
This is a political treatment of the importance of a food supply to the warring nations; the ways in which starvation is used by the enemy to weaken the conquered countries; his efforts to cut off the supplies to the democracies. It is one of the <i>World in Action</i> series released by the United Artists, theatrically, in the United States.	
A Job to be Done. DS-59. 1 reel (sound)	\$1.25
Describes the British methods of retraining workers for transfer from one position to another and the teaching of the unskilled. How best use can be made of civilian manpower in wartime.	
Labor of the Nation. CS-16. 1 reel (sound)	\$1.25
A survey of the work of the United States Department of Labor.	
Lake Carrier. US-87. 1 reel (sound)	\$.50
Shows Great Lakes ore boats and their part in winning the war. Ore is scooped up by giant shovels, loaded on cars to be taken to the ore boats at Duluth; the boats leave port, later pass through the locks of Sault Sainte Marie, then to the steel mills where the ore is turned into iron and steel for armaments.	
Manpower. DS-121. 1 reel (sound)	\$.50
Presents the problems and confusions now existing—labor pirating, the shortage of skilled workers, living conditions of migrant workers and their families, lack of housing in war industrial areas. Paul V. McNutt, chairman of the War Manpower Commission, introduces the problem and suggests voluntary steps to be followed.	
Tanks. DS-33. 1 reel (sound)	\$.50
Official OEM film. Shows the mass production of America's fighting "land ships." Narrated by Orson Welles.	
Transfer of Skill. DS-70. 1 reel (sound)	\$1.25
British craftsmen—jewelers, watchmakers, turners of accurately balanced fishing rods, fishermen, builders of luxury yachts and of model trains—turn their skills to making tools for war.	
Wartime Factory. DS-42. 1 reel (sound)	\$1.25
How British factories are solving wartime problems. Guarding valuable machinery and property and caring for the skilled worker who must work under pressure 60 hours a week.	
Yesterday is Over Your Shoulder. DS-43. 1 reel (sound)	\$.50
A short dramatic sketch about a middle-aged British white collar worker who registers for war work, is trained under a government scheme, and becomes a skilled toolmaker to work in munitions factory.	
Agriculture	
Bip Goes to Town. US-65. 1 reel (sound)	\$.50
Rural electrification has been extended to 700,000 farms since 1935. Bip, a typical American farm lad, sees very little incentive to stay on a farm where there is so much hard manual labor. The picture shows Bip how electricity can do the hard work and thus make life more interesting and enjoyable.	
Blessings of Grass. US-52. 2 reels (sound)	\$.50
The advantages of government ranges for cattle and ways in which they are used. The moving of herds to national ranges in order to rebuild home ranges. The need for grazing land is emphasized.	
Democracy in Action. US-84. 1 reel (sound)	\$.50
An intelligent interpretation of the American farmer's part in World War II, producing wheat, corn, cotton, milk, soybeans, meat, and vegetables. Also depicts the farm wife's contribution to "keeping them flying."	

Farm Front. US-93. 1 reel (sound)	\$.50
Stresses the importance of keeping up production on the farm in order to achieve victory in the war. Emphasizes increased dairy production, raising of poultry, hogs, and grain. Shows how the government and schools assist the farmer to use scientific methods of farming. Enlists the complete utilization of all farm products; equal distribution of food to all through free hot lunches, food stamp plans, etc. Appeal for a high standard of living.	
Farmers for Defense. US-72. 2½ reels (sound)	\$.50
Panel discussion on the farmer in national defense. Speakers include Claude E. Wickard and M. Clifford Townsend. Emphasis on increased responsibility for production for domestic and army use as well as for export to Allied nations.	
Farmers in a Changing World. US-75. 1½ reels (sound)	\$.50
Secretary of Agriculture Claude E. Wickard discusses such subjects as the part farmers can take in the war, ever-normal granary, and parity.	
Gardening. NS-36. 1 reel (sound)	\$ 1.25
Follows a boy and girl through a garden-raising project from the selection of seeds to the harvesting of the crops: radishes, carrots, lettuce, beets, beans, corn, pumpkins, onions, tomatoes, and potatoes. Soils, growth, role of the sun, insect pests; the various parts of plants used for food—leaves, stems, buds, and roots.	
Gardens of Victory. NS-49. 1 reel (sound)	\$ 1.25
How the fighting forces and the people of our Allied nations and the starving families of the conquered countries are depending more and more on the United States for their vital food supply. How each person can do his part to relieve this food shortage by having victory gardens in every vacant lot or space.	
Harvest for Tomorrow. US-71. 2½ reels (sound)	\$.50
Story of decline and rebuilding of soil. Use of lime and phosphorous to revitalize the land. We must do our part to assure harvests for tomorrow.	
Henry Browne, Farmer. DS-129. 1 reel (sound)	\$.50
This is a story of Henry Browne, a Negro farmer, and his family—what they are doing individually and collectively to win the war. Farmer Browne plants fifteen acres of peanuts so the nation will have more vegetable oils. He conserves his land and takes care of his equipment. Mrs. Browne has a victory garden, young Henry milks the cow, sister has a flock of chickens, and the elder son is serving with the 99th Pursuit Squadron of the Army Air Forces.	
Heritage. GS-61. 1½ reels (sound)	\$ 2.00
Restoration of hope to the farmers of the drought-stricken plains of Western Canada through work under the Prairie Farm Rehabilitation Act, by teaching them conservation of moisture, by the development of new methods of farming and the conversion of sub-marginal land to other uses.	
Home on the Range. DS-123. 1 reel (sound)	\$.50
The western ranges of the United States, the sheep and cattle, and the men who have spent their lives on these ranges. As the narrator stresses the importance of grass and water, the camera provides illustrative pictures of dams, watering tanks, windmills, crested wheat grass, and deferred grazing. There is a round-up with brief scenes of branding and vaccine injection. Beef cattle in a shipping pen illustrate the range country's contribution to feeding civilian consumers, workers in war industries, and all men everywhere fighting for freedom.	
Irrigation Farming. GS-24. 1 reel (sound)	\$ 1.25
Describes the need for irrigation in certain sections, and shows how irrigation canals carry water from streams and reservoirs to the farmlands. Both the furrow and flooding methods of irrigating are demonstrated. Irrigation problems.	
Livestock and Mankind. US-30. 1 reel (sound)	\$.50
Dr. J. R. Mohler, chief, Bureau of Animal Industry, tells how veterinary science has helped to increase the usefulness of domestic animals to mankind.	
National Poultry Improvement Plan. US-53. 3 reels (sound)....	\$.50
The methods used to raise and grade poultry under the National Poultry Improvement Plan and the ways of testing and controlling pullorum disease.	
On the Road to Tomorrow. US-68. 1 reel (sound)	\$.50
Shows the youth of many lands and different races engaged in widely divergent youth activities; explains our own youth movement, 4-H clubs, their spread into many foreign lands, and the results and significance of work and training of 4-H club members.	

Pig Projects Make Profits. MS-6. 1 reel (sound-color)	\$ 2.50
Designed primarily for FFA and 4-H Clubs. How one boy gets a start in pig projects; some better management practices essential to successful hog raising.	
Pork on the Farm. US-56. 2 reels (sound)	\$.50
Short resume of pig-raising. Sticking, scalding, scraping, and cleaning of hog. Complete method of cutting up for smoking, salting, and canning.	
Poultry: Billion Dollar Industry. US-38. 3 reels (sound)	\$.50
Grading, marketing, storing, and drying eggs. Scientific feeding, marketing, and dressing of chickens, turkeys, etc. 4-H Club teaches modern methods of raising chickens and marketing eggs.	
Power and the Land. US-66. 4 reels (sound)	\$.50
The story of a typical farm family, with their many daily chores made more difficult by lack of the convenience of electricity and electrical appliances. REA brings electricity to the community and makes the farm yield more profit for the farmer and more pleasure to his family.	
Science and Agriculture. GS-27. 1 reel (sound)	\$ 1.25
The interdependence of science and agriculture in modern life. The soybean's characteristics and problems of its cultivation.	
Spring Offensive. US-98. 2 reels (sound)	\$.50
How British farmers have revised their crops in accordance with war demands and plowed up two million additional acres of pastures and idle land. "Land girls," school students, and white collar workers, who have given up their holidays and week-ends, tackle the labor shortage on the farm.	
Wartime Farming in the Corn Belt. US-96. 1 reel (sound)	\$.50
Farming prior to and throughout World Wars I and II. Change in emphasis from expansion to conservation. Fertilizing, terracing, and sowing cover crops help to meet the wartime demands.	
Worst of Farm Disasters. US-64. ½ reel (sound)	\$.50
A poster-like warning of the havoc caused by fire on the farm, with a summary of how electricity properly used can prevent farm fires.	
First Aid and Nursing	
Angel of Mercy. KS-27. 1 reel (sound)	\$ 1.25
The story of the life of Clara Barton who, by daring to be different, devoted her life to the profession of nursing. Thwarted, but never stopped, she ministered to the wounded during the Civil War. She devoted her later years to campaigning for the United States to become a member of the International Organization of Red Cross.	
Before the Doctor Comes. LS-12. 4 reels (sound)	\$ 5.00
(Note: Each reel may be ordered separately.)	
Reel 1. How to control bleeding and care for shock. LS-12-1.	\$ 1.25
Reel 2. Artificial respiration; how to care for burns. LS-12-2.	\$ 1.25
Reel 3. Leg fractures; half-ring, improvised splints. LS-12-3.	\$ 1.25
Reel 4. Arm fractures; Murray-Jones, improvised splints; transporting victims. LS-12-4.	\$ 1.25
Dangers in the Dark. DS-52. 1 reel (sound)	\$ 1.25
Warning to the British civilian population against taking risks in blackouts. Causes of a complicated street accident are analyzed by questions put to those involved. Film can be used as a demonstration of blackout dangers.	
First Aid: Wounds and Fractures. LS-11. 1 reel (sound)	\$ 1.25
Proper procedures in caring for injured person from time of injury until medical aid arrives. Methods of applying pressure to stop arterial bleeding and use of splints.	
Home Nursing. HS-37. 1 reel (sound)	\$ 1.25
Hygienic care of a home patient after instruction from visiting nurse—bathing and moving patient in bed; arranging bed, and making patient comfortable; taking and recording temperature, pulse, and respiration rates; medications; helping patient to regain strength.	
Life Saving. LS-6. 1½ reels (sound)	\$ 2.00
An excellent presentation of the fundamentals of life saving. Basic swimming strokes, how to approach the victim, types of carries, types of releases, how to remove victim from water, and artificial respiration.	

Nursing. MS-19. 1 reel (sound) \$1.25
Training and qualifications of a nurse and opportunities for employment in public health, hospitals, private duty, or instruction.

White Battle Front. DS-36. 1 reel (sound) \$1.25
Shows medical services available for the British troops and civilians; prevention of typhoid, water purification, mobile Red Cross units, nursing services, and ambulances sent from the United States.

With These Weapons. HS-17. 1 reel (sound) \$1.25
Modern methods used in diagnosis and treatment of syphilis.

Health

About Faces. HS-39. 1 reel (sound) \$1.25
Relation of dental health to national defense. Follows "Danny" from the cradle until his induction in the Army.

Behind the Shadows. HS-25. 1 reel (sound) \$1.25
A dramatic story of little John, who was infected with tuberculosis by his doting aunt, and how John's early tuberculosis was discovered during a tuberculin test survey when he was a high school student. A doctor illustrates simply how the tubercle bacillus is spread by careless people and how others become infected.

Body Defenses against Disease. HS-2. 1 reel (sound) \$1.25
Exposition of three lines of defense—skin, phagocytic cells and lymphatics, and blood, including section on immunology. Spectacular microphotography of phagocytosis with applications of body defense mechanism in specific cases. Action of liver and spleen together with types of anti-bodies and their effects.

Cancer, Its Cure and Prevention. TS-10. ½ reel (sound) \$.75
Shows the work of medical researchers in their efforts to discover the causes of and cure for cancer, and the work of organizations in combating popular ignorance and fear of cancer. Famous physicians warn against "quack" cures.

Choose to Live. US-47. 2 reels (sound) \$.50
The fight of the United States Public Health Service against cancer. The causes of cancer, preventive measures, methods of treatment and curing are clearly outlined.

Control of Pneumonia. HS-33. 1 reel (sound) \$1.25
Recent advance in the control of pneumonia, deadly enemy of the human race. Modern methods of treatment and nursing.

Defending the City's Health. HS-34. 1 reel (sound) \$1.25
Modern community hygiene controls are presented. How the death rate from communicable diseases has been reduced through scientific advances and social controls. The effective functioning of a public health department.

The Eyes and Their Care. HS-35. 1 reel (sound) \$1.25
The most important concepts involved in an understanding of the human eye. The use of the eyes, light and vision, and the hygiene of the eyes, with special emphasis upon the latter.

Health in War. DS-55. 1½ reels (sound) \$2.00
Shows the British system of casualty stations, emergency hospitals, and convalescent homes established in and around London for maintaining the fight against sickness and caring for wartime casualties.

Heart Disease. TS-12. ½ reel (sound) \$.75
The reasons for the increase of heart trouble in recent years and methods of treatment.

In Every Day. HS-43. 1 reel (sound) \$1.25
Shows a typical day in the life of a model American teen-age boy. The health habits, diet, hobbies, and correct attitude toward work, study, and play are all unobtrusively stressed.

Joan Avoids A Cold. HS-36. 1 reel (sound-color) \$2.50
Health precautions which children should follow to help them avoid catching the common cold and many of the other related diseases are presented by means of a simple story about one young boy who violated some of the rules of health and consequently caught a cold.

Keeping Fit. HS-49. 1 reel (sound) \$.50
At a noon meeting of aircraft workers, the plant manager explains that absenteeism is one of their big problems and that most illness can be avoided by following five simple rules of health. Wives of men working in war plants learn ways of keeping their husbands physically fit.

Our Teeth. HS-26. 1 reel (sound) \$1.25
Stresses importance of teeth in the digestive system. Identifies and explains the purposes of the different teeth. Tooth development from infancy, structure of teeth, how tooth decay starts. The necessity for correct diet.

Save A Day. HS-47. 1 reel (sound) \$1.25
A film on workers' health, built around activities of the Industrial Hygiene Division of the National Institute of Health and units of state health departments. Examples of effective industrial hygiene. Helping to keep men on the job by removing industrial health hazards. Various methods used.

Smallpox. HS-44. 1 reel (sound) \$1.25
A dramatic story which strongly emphasizes the vital importance of vaccination and re-vaccination for smallpox.

They Do Come Back. HS-32. 1½ reels (sound) \$2.00
Dramatic story of two young people whose lives are interrupted and threatened by tuberculosis. Modern tuberculosis case-finding, diagnosis, hospitalization, and rehabilitation after cure.

Vision. HS-18. 1 reel (sound) \$1.25
Eye structure is shown in detail by means of models and diagrams; the working of the eye is explained by an examination of the optical system of a camera. The relation of the eyes to the rest of the body; the advisability of seeking advice in cases where medical attention is needed in addition to glasses.

Vision for Victory. HS-46. 1½ reels (sound) \$.50
Narrated by Lowell Thomas. Shows that artilleryman, aviator, tank driver, and defense worker need good eyesight. Progress of optical science, the parts and functions of the eye, the differences in individuals, and the care of the eyes. (Better Vision Institute.)

Welfare of the Workers. DS-73. 1 reel (sound) \$1.25
The high standards of working conditions in England during emergency conditions including those standards affecting ventilation and light, food, hours, recreation, and safety.

Your Health Department. HS-48. 2 reels (sound) \$2.50
The film opens with the rescue of a man from drowning thus presenting the analogy with the health departments of the world that in a less dramatic fashion are also engaged in saving lives by guiding man in the conquest of disease. The film then lists the requirements of a good health department and takes the spectators on a tour of the bureau of vital statistics, the bureau of communicable diseases, the bureau of maternal and child health, the bureau of foods and drugs, the laboratory. The film continues by showing that the efforts of the sanitarian and scientist can be thwarted by public indifference and how the individual by his support of health measures can help create a better world.

Nutrition

Foods and Nutrition. HS-15. 1 reel (sound) \$1.25
Normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water are presented by animated and normal photography. Photomicrography shows growth of culture tissue. Metabolism phenomena are treated in clarified detail.

For Health and Happiness. US-69. 1 reel (sound-color) \$.50
Shows in color the vital bearing good nutrition has on the health and happiness of children from infancy to youth. Illustrated with scenes of healthy boys and girls.

Four New Apple Dishes. IS-21. 1 reel (sound-color) \$2.50
Shows how apples may be used attractively for different occasions. Recipes for apple salad, apple upside-down cake, glazed apples, and apple ice cream are given; names types of apples for different purposes.

Hidden Hunger. IS-36. 3 reels (sound) \$.50
Lincoln Squires, a farmer with a crusader's zeal, starts out on a one-man, one-month campaign to reform the eating habits of a nation, pleading with

every man and woman he meets to eat the right foods for health and morale. He has some exciting experiences and ends up in court charged with committing public nuisance and disturbing the peace. Dr. Downey overhears the proceedings and steps in to back up Link's statements with scientific data. He points out that if people would learn to eat properly, they could live the best years of their lives twice over.

Vim, Vigor, and Vitamins. HS-40. 1 reel (sound) \$1.25
Each vitamin and its richest food sources. Ways of including vitamins in a day's menu.

Physical Fitness

Beginning Tumbling. HS-29. 1 reel (sound) \$1.25
Stunts of the roll progression and inverted balance progression suitable for beginners demonstrated by junior high school boys in slow and normal motion.

Britain's Youth. DS-49. 1½ reels (sound) \$2.00
Importance of maintaining high standards of physical fitness in wartime. Many sports common to peacetime England and physical training for the armed forces.

Dashes, Hurdles, and Relays. HS-10. 2 reels (sound) \$2.50
Demonstrations of good technique in 100-meter, 200-meter, and 400-meter dashes in both normal and slow motion. Adjustments of sprinting form necessary for 200- and 400-meters. Three types of good form in hurdling. Much attention is given to techniques of passing baton in long and short relays.

Distance Races. HS-11. 1 reel (sound) \$1.25
Includes races from 1,000 to 10,000 meters and steeplechase. Style of distance runner contrasted vividly with that of dash man. Differences in typical physiques. Steeplechase portrays various methods employed by participants in clearing barriers.

Fundamentals of Basketball. HS-28. 1½ reels (sound) \$2.00
"Big Ten" Conference players, directed by Coach Branch McCracken of Indiana University, demonstrate in regular and slow motion photography the fundamental skills involved in basket-shooting, passing, dribbling, defensive and offensive ball handling, foot work, and defensive play.

Hot Ice. HS-42. 2½ reels (sound) \$3.25
One of a series of films on Canadian sports. The skills of ice hockey are analyzed from the first simple rules taught to child players to the complex tactics of experts. Diagrams and slow motion make clear the maneuvers of the fastest game on earth.

Jumps and Pole Vaults. HS-12. 1 reel (sound) \$1.25
Demonstration in actual competition of running high jump; running broad jump; hop, step, and jump; pole vault. Champions are pictured in slow motion photography.

Posture and Exercise. HS-38. 1 reel (sound) \$1.25
Includes relation of nervous system to skeletal muscles; motor units; muscle tonus in relation to posture; development of endurance; peripheral circulation as related to general physical efficiency.

Swimming Technique for Boys. HS-45. 1½ reels (sound) \$2.00
Matt Mann, well known coach at the University of Michigan, acting as both coach and narrator, makes swimming technique natural and easy to understand with the aid of slow-motion photography.

Volley Ball for Boys. HS-31. 1 reel (sound) \$1.25
Fundamentals of serving, rotation, volleying, set-up, and spiking illustrated by senior high school boys.

Housing

The City. CS-9. 3 reels (sound) \$3.75
A documentary film which contrasts the awesome conditions of human living in a modern industrial city with the serenity of life in an eighteenth-century New England village, and with the architect's and engineer's concept of the model community as typified by the Federal government's resettlement experiment at Greenbelt, Maryland, and the privately developed Radburn, New Jersey. The photography, commentary, and musical score build a dramatic appeal for community planning.

Growth of Cities. CS-27. 1 reel (sound) \$1.25
Factors which determine the location and growth of cities. Various types of cities and city plans. Factors involved in the decentralization of the city into a metropolitan area. The film includes the presentation of the prevailing trends of city planning.

The Home Place. US-70. 3 reels (sound) \$5.00
Story of the development of American homesteads. Typical architecture of homes in different sections of the country from the earliest New England dwelling down through the centuries. The "Home Place" shown as the citadel of liberty.

Homes for Defense. DS-31. 1 reel (sound) \$1.25
Produced by OEM, this film shows the problem of providing housing for workers in defense areas and some projects now under way for its solution.

Shelter. GS-11. 1 reel (sound) \$1.25
Pictorial delineation of major concepts in the evolution of shelter. Primitive shelter construction from materials close at hand. Man's growing ability to change the form of these materials and how transportation increased the variety of his supply. High specialization of effort in construction of modern kinds of shelters, each designed for a special purpose.

Consumer Education

Cotton From Seed to Cloth. I-47. 2 reels (silent) \$5.00
The film shows first, in animated maps, the cotton-growing regions of the world and the cotton belt of the United States; then the planting of the cotton seed; the fertilization and cultivation of the plant; the flower; the development of the cotton boll; the picking, ginning, baling, and shipment to the mill. The cotton production of different countries is next shown in animated graphs. Bales arriving at the New England mill are weighed and broken; the cotton is classified, cleaned, carded, and the fibres drawn out, twisted into yarn and wound on bobbins. The weaving process, bleaching, dyeing, and the winding of the finished cloth into bolts. The making and packing of blankets, sheets, and pillow cases. Finally the relative production of cotton, rayon, and wool fabric is compared in an animated graph.

Here is Tomorrow. CS-44. 3 reels (sound) \$3.75
Dramatized documentary film portraying the accomplishments and scope of consumer cooperatives throughout the country. Shows how men and women working together as neighbors have built a "peoples' business," owning streamlined grocery stores and warehouses, feed and seed mills, hatcheries and fertilizer factories, insurance businesses, service stations, refineries, pipelines, and oil wells.

Managing the Family Income. IS-19. 4 reels (sound) \$5.00
How an ordinary family makes a plan for spending their income; how they meet the unexpected emergencies, how they make adjustments and stick to their plan until it brings them to the goals they have set for themselves. (Household Finance Corporation.)

Meat for America. IS-22. 4 reels (sound) \$5.00
A trip through the packing plant of Armour and Co. in Chicago. Selection and grading of meat are emphasized and the modern experimental kitchen is visited.

Family Security

Land to Have and to Hold. US-49. 2 reels (sound) \$5.00
History of free land and the growth of mortgages. Establishment of the Federal Farm Board and the Federal Land Banks to help farmers get credit. How the Farm Loan Association grants loans to farmers.

Social Security for the Nation. CS-17. 1 reel (sound) \$1.25
The value of social security to the people: unemployment compensation; state free employment services; old age insurance; aid to the needy aged and blind; aid to dependent children. The film closes with the thought that the goal of the Social Security Administration is real security for all the people.

Child Care

Boy in Court. CS-21. 1 reel (sound) \$1.25
Shows how intelligent probation can change a boy's attitude and conduct. In company with his gang, Johnny steals a car, which is wrecked during the ex-

ement of their get-away. What might have happened to the boy is realistically portrayed in a sequence of vivid police and prison scenes. What actually happens to him in a good juvenile court with well-organized probation service provides a stirring contrast. A plea for youth and justice.

A Child Went Forth. ES-3. 2 reels (sound) \$2.50

A documentary film on a nursery camp for children from ages two to seven. Shows children in activities designed to cultivate self-reliance. Commentary relates activities of camp to general progressive education techniques and emphasizes potentiality of such institutions for caring for children of women war workers or evacuees.

The Children See It Through. DS-51. 1 reel (sound) \$1.25

Deals with the problem of children in wartime cities in Britain. Stressess the need for getting children into the country, and shows what the British Save the Children Federation is doing and hopes to do.

The City of Little Men. KS-4. 1 reel (sound) \$1.25

An account of the work of Father Flanagan of Boys Town. The varied activities of the 275 inhabitants.

Juvenile Delinquency. TS-1. 1 reel (sound) \$1.25

How young criminals are made and the measures that are being taken to reduce the number of criminals in the present generation.

You and Your Child. US-51. 2 reels (sound) \$.50

Proper training of children and their place in the family circle. How playing, planning, and sharing together create a closer family bond.

Schools and Education

Balloons. ES-9. 2½ reels (sound) \$3.25

Two boys, both between the ages of four and five, are subjects in a study of aggressive and destructive impulses. The film shows how differently two children, but a few months apart in age and from similar backgrounds, respond to a graduated series of opportunities and invitations to break balloons.

Building of Boys. KS-31. 1 reel (sound) \$1.25

Compares building of character to building of machines. Depicts slum conditions leading to delinquency and how the Boys' Clubs in many of the large cities are counteracting bad home environments.

Campus on the March. DS-127. 2 reels (sound) \$.50

Today there are over 1500 colleges and universities in the United States devoting their resources and facilities to the war effort. Some of their wartime activities—courses in engineering and in medicine, R.O.T.C. training, Army and Navy units, laboratory experimentation, classes in languages, nutrition, aeronautics, military law, and radio.

Child Welfare in Sweden. ES-15. 1 reel (sound) \$1.25

The picture deals, in scenes and commentary, with the care which Sweden, through state and municipal aid and cooperation, bestows upon her needy children. The scenes show the following: newly-born infants in a Stockholm hospital; children of working mothers, in their playrooms and workrooms in the city's subsidized apartment houses; infant care in the cooperative apartments; boys and girls at a summer camp; a midsummer day in Stockholm, and the city's provisions for its children's health and comfort; bathing beaches, swimming pools; the Eastman Dental Institute in Stockholm—the young patients, the handsome building, and the staff of dentists at work.

Guidance Problem for School and Home. ES-8. 2 reels (sound) .. \$2.50

A case study of a second-grade child who is failing in his social adjustment and his studies and who lacks interest in his work.

Indiana University Goes to War. ES-16. 2 reels (sound) Free

Filmed principally on the campus of Indiana University, this film depicts the activities of various organizations and classes as they contribute to the war effort. Shots of classes in medicine, nursing, nutrition, physical education, military training, practice teaching, sciences, language, law, etc., show many students at their daily work. Reflects the tempo of a university campus geared to a wartime program.

Negro Colleges in Wartime. DS-142. 1 reel (sound) \$.50

The wartime activities of four Negro colleges—Tuskegee Institute in Alabama, Prairie View College in Texas, Howard University in Washington, D.C., and Hampton Institute in Virginia. In these Negro colleges and others, there are

scientists in laboratories working to produce new vital materials for war; students studying chemistry, meteorology, and animal husbandry; young men and women preparing to become doctors, nurses, technicians; others studying farm management, surveying, industrial accounting, forging—all are performing their function and duty in wartime.

Of Pups and Puzzles. ES-14. 1 reel (sound) \$1.25

Contrasts a foreman choosing the selectee for a job by his size with a personnel director who, before appointing three applicants to positions, discovers, through testing, their individual differences in ability, temperament, and interest. An analogy is drawn between the tests boys take and tests given to pups in which is shown the frustration of a collie pup, the bewilderment of a cocker spaniel, and the adaptability of an English bull.

Overcoming Limitations to Learning. ES-1. 3 reels (sound) \$3.75

Demonstrates the value of the sound film and how it should be used in the classroom. The film contains excerpts from several Eri subjects. When ordering, please indicate the group before which the film will be shown as it will not be sent to groups other than parent teacher associations, teachers' institutes, or meetings for the furtherance of visual work in the classroom.

Principles of the Art and Science of Teaching. ES-10. 4 reels (sound) \$5.00

An extemporaneous classroom demonstration of the cooperative planning of an assignment for the unit, "The Historical Development of Certain Basic Institutions of Freedom in America." Mr. Roland Crary is the demonstration teacher of pupils selected from an eleventh-grade class in American History of the University High School of Iowa City, Iowa. The film was constructed for the purpose of enriching the usual procedures, not of superseding them, in an effort to conserve the time of teachers in assembling materials.

Progressive Education. TS-14. ¼ reel (sound) \$1.25

A picture of the progressive school system at work; some familiar arguments for and against it. A contrast between learning by memory drill and the new method of learning through individual projects. Many schools are carrying out Mann's belief that one can best be prepared for a happy life through education.

School. ES-6. 2 reels (sound) \$2.50

Documentary film showing a progressive education school in action. No commentator, but complete dialogue by children in the classroom. Indicates that intelligent citizenship in a democracy is best achieved by permitting children at school to develop their own aptitudes and interests according to their individual abilities.

Soviet School Child. ES-11. 2 reels (sound) \$2.50

The comprehensive, thorough, and modern training given Russian school children from kindergarten to college; such activities as physical education, the 3 R's, singing, music, dancing, vocational training. Preparation for life in war or peace.

That Children Must Learn. ES-4. 1½ reels (sound) \$2.00

Designed to illustrate the unsatisfactory relationship between educational programs of selected rural schools and diet practices in the community.

Time to Spare. ES-7. 2 reels (sound) \$2.50

Some of the activities of the Flat Top School, Mercer County, West Virginia, a one-teacher school where progressive teaching methods and thoughtful time-block planning provide "time to spare" for enriched individual and group teaching.

Tomorrow Is Theirs. ES-2. 1 reel (sound) \$1.25

Education for children of high school age in wartime Britain, showing how town schools carry on, and how evacuation to the country affects the curriculum; air raid shelters for schools.

Village School. DS-71. 1 reel (sound) \$1.25

Scenes of an English country school in wartime. The educational difficulties encountered and overcome as schools become overcrowded with evacuees.

Willie and the Mouse. ES-13. 1 reel (sound) \$1.25

The film begins by contrasting Willie's father's education in which facts were learned by repetition with Willie's education in which life situations are dramatized in the classroom. Various experiments with white mice demonstrate that some mice learn by sight, others by ear, and still others by touch. Such experiments as these have caused individual differences to be recognized in the classroom.

Science and the War

Battle of Brains. DS-47. 1½ reels (sound)	\$2.00
Illustrates the difference between this war and that of 1914. Importance of mechanization and mobile tactics. Part of scientific research in developing new weapons and methods.	
Plastics—the Fourth Kingdom. IS-6. 3 reels (sound)	\$50
Manufacture and many uses of plastics. Produced by Bakelite Corporation.	

The Tree in a Test Tube. US-99. 1 reel (sound-color)

In this film Pete Smith stops Laurel and Hardy to analyze their personal belongings and the miscellany in their suitcase to ascertain what articles are wood products. A surprising number are found to be, at least in part, wood products. The U.S. Forest Products Laboratory where research workers experiment to discover new uses of wood.

Pre-Flight Training

Aerial Navigation—Airways Flying. AS-23. 2½ reels (sound)	\$2.25
Deals with aerial navigation by visible contact with ground object. Attention is called to the air ways and their rules, established by the Civil Aeronautics Administration. The priorities order of the intersections is given and the meaning of green, amber, red, and blue markers on air ways maps. Views in an air-control center operations office show the pilot making out and having his flight plans checked. Some discussion of recommended procedures when navigation instruments fail and the rules of the road in approaching and leaving airports.	
Aerial Navigation—Maps and the Compass. AS-21. 1¼ reels (sound)	\$1.00
An over-all view of the various types of map projection, and the advantages and disadvantages of each. Animated maps, combined with commentary, explain gnomonic projection, Mercator projection, and Lambert conformal projection and their relation to aviation navigation. The final sequence of the picture is a discussion of the variation in compass readings caused by the location of the north magnetic pole in relationship to the true north pole, and caused by magnetic deviations due to the metal of the airplane.	

Aerial Navigation—Radio Aids. AS-22. 2½ reels (sound)

Animation, actual views, and charts show and explain the radio beam and how deviations from the beam give either the A (- -) or the N (- -) sound. There is a detailed explanation of the twilight zones of radio beams and of the bi-signal zones. Discussion of the cone of silence, the false cone of silence, the cone marker, and interpretations of the various sounds used in aircraft navigation. The five most common errors in navigating with a radio beam are illustrated and discussed. The utilization of weather reports, radio compasses, directional antennae, and the automatic compass.

Aerodynamics—Air Flow. AS-27. 1¾ reels (sound)	\$1.50
Film opens with an explanation of turbulence and skin friction. The flow of smoke over various shapes and forms of solid objects is used to illustrate the discussion. Definition and explanation of angle of attack, the point of stall, drag, and lift. Various forms of wings with more nose, short tails, and long tails, and with curved tips and the flow of smoke around them are shown. A pictorial demonstration of what happens to the air current when ice forms on the leading edge.	

Aerodynamics—Forces Acting on an Airfoil. AS-28. 2½ reels (sound)	\$2.00
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The film opens with a definition of lift, drag, the angle of attack, and the chord of the wing. Various forms of airfoils are shown. Wind tunnels, their development and their uses. The set-up of a wing form in the wind tunnel and the procedures used to measure the various forces applied to it are illustrated. An explanation and study of these leads to the development of various formulae expressing the relationship between lift, drag, wing area, wind velocity, thrust, and weight.

Aerodynamics—Problems of Flight. FS-40. 1 reel (sound)	\$1.25
Intended as a companion reel to the film <i>THEORY OF FLIGHT</i> , this production describes the use of the plane's controls in taking off, climbing, banking, stalling, spinning and recovery, diving, gliding, and landing. Superimposed animated diagrams help to clarify the effect of forces acting on the plane. Gliding and landing are given special consideration by a demonstration of both correct and incorrect techniques.	

Aerodynamics—Theory of Flight. FS-39. 1 reel (sound)	\$1.25
Illustrates the application of physical laws to forces acting on airfoils. Wind tunnel tests demonstrate the relation of air velocity to lift and drag on plain and cambered airfoils. Control of airplane movements about vertical, lateral, and longitudinal axes by means of the rudder, elevator, and ailerons, respectively, is demonstrated in pitching, rolling, and yawing.	
Air Communiqué. DS-133. 1 reel (sound)	\$1.25
How reports of R.A.F. damage to the enemy are checked before they are released to the press.	
Aircraft Engines—Carburetion. AS-3. 3½ reels (sound)	\$2.75
A detailed pictorial discussion of the functions, parts, and variations of aircraft engine carburetors. The mixture of air and gas in an internal combustion engine, the variations in the ratio of gas and air desirable for idling, acceleration, and maximum power, and the special problems created by dives and by operation at high altitudes. Animated diagrams and pictures show a simplified carburetor and then add the various devices developed to permit the control of the mixture.	
Aircraft Engines—Elements of Electricity as Applied to Ignition Systems. AS-2. 2½ reels (sound)	\$2.00
Explains by animation, diagrams, and commentary the application of the basic principles of electricity to the ignition system of an aircraft engine. The film opens with a simple explanation of electric current, voltage, polarity of magnets, and magnetic fields. There follows a detailed explanation of electro-magnetic induction, and the induction coil and these principles applied in generators.	
Aircraft Engines—Types, Mechanisms, and Oiling Systems. AS-1. 3¼ reels (sound)	\$2.50
A pictorial explanation of the operating principles of the internal combustion engine, followed by views of standard forms, with cylinders arranged in a V, in a line, opposite each other and in circle (radial). Cut-away models, combined with commentary, provide a general explanation of the carburetor, exhaust, and intake valves, pistons, and piston rings, and the cam shaft. The lubrication system is explained by means of a still diagram, animation, and commentary; the scavenger pump, strainer, crankcase breather, cooler, reserve tank, and the use of the oil system in the hydraulic control of the variable pitch propeller.	
Aircraft Hydraulic Systems—BC-1 Airplane. AS-4. 1½ reels (sound)	\$1.25
The film opens with a diagrammatic explanation of a simple hydraulic system. With a discussion of the principles involved and how it is applied to the operation of a retractable landing gear. The pumps, reservoirs, special valves, and operating levers are diagrammed and explained. Specific application of these principles to the BC-1 plane.	
Aircraft Propellers—Hamilton Hydromatic Propeller—Theory and Operations. AS-14. 1½ reels (sound)	\$1.25
A discussion of feathering and its advantages through the utilization of a variable pitch propeller. Models, diagrams, and actual views are combined to show the construction and mechanism of a variable pitch propeller. A discussion of constant speed operation. Ground checking and feathering in actual flight and in landing.	
Aircraft Propellers—Principles and Types. AS-13. 1½ reels (sound)	\$1.25
Presents the principles of operation of aircraft propellers. Various types and their characteristics.	
The Airplane Changes the World Map. GS-78. 1 reel (sound)	\$1.25
This film presents the new geography of the Air Age clearly and concisely. Through animated photography a transparent globe with axis and lines of latitude and longitude gives a marked illusion of third dimension. The use of overlays, fades, and other devices in the film makes it suited to the introduction of global geography. The effect of the airplane on the world scene. Transportation is interpreted in great circle air routes which run independently of land and water and mark the shortest distance between points on the surface of the earth.	
Airplane Hydraulic Brakes—Principles of Operation. AS-15. 2 reels (sound)	\$1.50
The film opens with a discussion of the function of a brake in changing	

energy into heat. Animation illustrates the problem of translating 36,000 pounds, the weight of an airplane, traveling at a landing speed of 90 miles per hour into an energy of 10,000,000 foot pounds which must be changed to heat through the braking system. The film closes with a discussion of the two basic systems of hydraulic brakes, the integral or power-operated brakes used on large planes, and the manually operated hydraulic brakes for small planes.

Airplane Hydraulic Brakes—Types, Construction, and Action.

AS-16. 3 reels (sound) \$2.25

The parts, the assembly, and the action of specific commercially produced types of hydraulic brakes and brake shoes. Single servo and double servo action brakes and other forms such as the revolving disk brake. Each brake is shown, its parts named and assembled, and its action explained.

Airplane Structures—Alighting Gear. **AS-9. 1 reel (sound) \$75**

Shows workings of alighting gear and such safety devices as a horn that sounds when gear is neither locked nor retracted and a red warning light that shows when the alighting gear is neither locked nor retracted.

Airplane Structures—Control Surfaces. **AS-8. 1 reel (sound) \$75**

This picture deals with the construction, location, and function of the various control surfaces: ailerons, rudders, tail flaps, wing flaps, vertical fins, elevators, and horizontal fins. The processes of covering these surfaces with fabrics are shown in considerable detail. Various kinds of trim tabs, both fixed and adjustable and their function.

Airplane Structures—Fuselage Construction. **AS-7. 3/4 reel (sound) \$75**

The various sections of the aircraft fuselage and the steps of the development of a fuselage with the pilot's coup. Some attention is given to the differentiations of cowlings for air-cooled and liquid-cooled engines.

Airplane Structures—Manufacturing Methods. **AS-10. 2 1/4 reels (sound) \$1.75**

Shows manufacture of wings, fuselage, engine, and tail. An overview of steps in the complete manufacture of a plane.

Airplane Structures—Static Testing. **AS-11. 1 reel (sound) \$75**

The procedures and methods used to form the elastic axes of the wings, the torsional stiffness tests, and the negatives acceleration test. The commentary points out the usefulness of the information gained in the test and how it relates to the power-diving capabilities of the finished plane. The testing of the control surfaces through the utilization of models and wind tunnels. The dynamic tests given to the landing gear to indicate its ruggedness under actual landing conditions.

Airplane Structures—Structural Units—Materials and Loads for which Designed. **AS-5. 3/4 reel (sound) \$75**

This film presents a pictorial discussion of the various units of a plane and of the various types of loads and stresses each must be designed to handle. Diagrams show the various types of stresses that are involved in various angles of flight. Parts of the plane fuselage, wings, the landing gear, and the control surfaces are indicated and the function of each defined.

Airplane Structures—Wing Construction. **AS-6. 1 reel (sound) \$75**

The shape, the chord, and span of wings. Wing construction: internal bracing in the form of spars and ribs; the beam form. The forces of thrust and drag and the utilization of interior bracing and skin bracing to withstand them are indicated and explained. The outer panel, the leading edge, the center section, and the wing tip are indicated and defined. The assembling of wing sections and the construction of wings where fuel tanks are built into them.

Airscrew. **DS-134. 2 reels (sound) \$2.50**

Opens with whirling propeller blades. Animated diagrams show how the bite of the propeller moves it through the air and how the pitch determines the size of the bite. A trip through an airplane factory shows the manufacture of airscrews in detail. Photomicrographs show the difference between a poor and a satisfactory alloy. The rough casting is turned on a lathe. The rest of the process is painstaking hand work interspersed with dozens of careful inspections. The operation of the variable pitch mechanism and its use in taking off and cruising. When the propeller is assembled the complete job is tested for balance.

Atmospheric Pressure. **F-1. 1 reel (silent) \$75**

Illustrations of unbalanced air pressure. Atmospheric variations in pressure between land and water, and between valley and hill-top.

Celestial Navigation—Charts. **AS-25. 1 1/4 reels (sound) \$1.50**

Pictures, maps, diagrams, and a sound commentary explain Mercator charts, gnomonic projections, and Lambert conformal projections. A highly technical treatment.

Celestial Navigation—The Earth. **AS-24. 1 1/2 reels (sound) \$1.25**

This film explains in a non-technical way the positions and significance of the lines of latitude and longitude on the earth.

Celestial Navigation—Introduction and Location of Celestial Points.

AS-19. 1 1/4 reels (sound) \$1.50

The introductory sequences present the various uses of celestial navigation, the location of places on the earth by means of celestial bodies. Diagrams are used to illustrate the fact that the earth is not a true sphere and the nautical mile is described as 6,080 feet or 1 degree. Diagrams, plus commentary, explain the relationship between the earth and the celestial sphere. A pictorial definition of the zenith, nadir, sidereal hour angle, local hour angle, and bubble horizon.

Celestial Navigation—Principles of Celestial Navigation—Position Finding on the Earth. **AS-20. 1 1/4 reels (sound) \$1.00**

The principles of celestial navigation and position-finding on the earth. Starting with an introduction explaining longitude and latitude and the determination of geographic position, it moves very quickly into a discussion of the Greenwich hour angle, local hour angle, and sidereal hour angle. Celestial triangles and the use of the various tables required to figure positions.

Clouds. **US-18. 1 reel (sound) \$50**

Types of clouds and how they are formed; their significance in forecasting weather conditions.

Construction of a Light Airplane. **AS-34. 2 1/2 reels (sound) \$1.00**

An introductory sequence functionally identifies the five major parts of an airplane. The steps in the actual construction of a "Piper Cub": the construction of the fuselage, the shock-absorbing landing gear, tail, and wings; the assembly of each of these parts. The procedure for compensating the magnetic compass, and the air tests for stability and safe operational performance which the plane must pass in order to be licensed.

Doping Technique. **AS-30. 1 reel (sound) \$75**

The proper application of dope to the surfaces of an airplane with the hand brush and the spray gun.

Drilling in Metal, Wood, or Plastics. **AS-33. 2 reels (sound) \$1.50**

Demonstrates and explains the use of several types of drills suitable for different metals, woods, or plastics.

Flashing Light Signals. **AS-32. 1 1/4 reels (sound) \$1.00**

Begins with a scene which shows that Paul Revere used a light to flash signals. Explains that electric lights flash signals between ships, between ships and aircraft, and between ships or aircraft and stations. The system of dots and dashes—dashes are three times as long as dots—that are seen rather than heard.

How to Fly. **IS-3. 1 reel (sound) \$1.25**

Good non-technical description of the essentials of flying an airplane. Explanation of its various parts, instruments, and controls.

Into the Blue. **DS-135. 1 reel (sound) \$1.25**

The film shows the careful background of training which R.A.F. men carry with them when they fly off "into the blue."

Look to Lockheed for Leadership. **DS-117. 3 reels (sound) \$50**

Traces aviation's origin in America and outlines the production of modern airplanes: plane construction, functions of engineering and research, plane assembly, and air views of finished planes. (Lockheed Aircraft Corporation)

Modern Weather—Theory and Structures of a Storm—Development and Characteristics of Atmospheric Waves. **AS-18. 1 1/4 reels (sound) \$1.00**

Animation and maps, combined with commentary, explain the principles of the development and characteristics of atmospheric waves.

Modern Weather—Theory and Structures of Storms—Primary

Circulation. AS-17. 1½ reels (sound) \$1.50

Animation and maps, combined with commentary, explain the principle of the air currents created by the tropical regions and the polar regions and the deflection of these winds in terms of the earth turning on its axis. This provides an explanation for the prevailing westerlies and the formation of the trade winds. Heat loss of six degrees of fahrenheit for each 1,100 feet of ascent, combined with the fact that cooling reduces the capacity to hold moisture, serves as a basis for an elementary explanation of polar fronts.

Nautical Astronomy. AS-34. 2¼ reels (sound) \$1.75

Shows position of stars at various seasons of the year, times during the night, and points on the earth, and explains how this information is used to chart courses.

Paratroops. DS-93. 1 reel (sound) \$.50

A quick overview of the weeks spent in learning to jump, tumble, and fall, in practice jumping from a tower and from a dummy plane, in packing the parachute one's life depends on, in learning to jump from a plane in half a second, to guide a chute by working the shroud cords, to land without splintering a leg, to disengage the chute and come up fighting.

Paratroops. DS-137. 1 reel (sound) \$1.25

Interesting report of the training of parachute troops and their uses in warfare. Many remarkable aerial shots of parachutists in rehearsal.

Principles of Flight. F-27. 1 reel (silent) \$.75

The elementary principles of lift and flight are illustrated by the kite, the glider, and the airplane. Animations and straight photography of laboratory apparatus and wind tunnels illustrate the effect on flight of velocity of air currents, angle of inclination of the wings, and streamlining. The standard controls of an airplane, rudder, elevators, ailerons, stabilizer, and fin are demonstrated by means of animated diagrams and straight photography.

Servicing the Aviation Spark Plug. AS-12. 2¼ reels (sound) .. \$1.75

A brief history of the development of the specialized spark plugs used in aviation engines. The care necessary in removing spark plugs from an engine and the utilization of the various specialized equipment developed to clean them. The assembly of a spark plug, the maintenance of the cleaners, and the adjustment of the gap are shown in considerable detail.

Useful Knots. AS-29. 2¼ reels (sound) \$1.75

This picture demonstrates and explains the tying of the following knots: the overhand, the slip, the square, the sheet bend, two half hitches, the slippery hitch, the clove hitch, and the rolling hitch.

Venture Adventure. DS-138. 1 reel (sound) \$1.25

The story of Britain's Air Training Corps.

The Weather. FS-46. 1 reel (sound) \$1.25

Explains the Polar Front Weather theory and describes meteorological instruments and methods, including thermometers, barometers, anemometers, pilot balloons, and radio sound equipment. Animated photography portrays solar radiation, atmospheric circulation, and cyclone wave phenomena. Cirrus, Altostratus, and other cloud formations are shown and their significance interpreted.

The WEFT System of Aircraft Identification. AS-31. 1½ reels

(sound) \$1.00

Models are used to explain the WEFT system of aircraft recognition, which depends upon examination of wings, engine, fuselage, tail assembly, the first letters of which furnish the name WEFT.

Machine Shop Series*Precision Measurement*

Steel Rule. DS-16. 1½ reels (sound) \$1.00

Shows the various forms of the steel rule in general use including depth gages and the combination square; explains the fractional scales found on them and demonstrates their correct use and proper care.

Micrometer. DS-17. 1½ reels (sound) \$1.00

Shows the various forms of micrometer, outside, inside, and depth; explains how micrometers are read and demonstrates their correct use and care.

Fixed Gages. DS-18. 1½ reels (sound) \$1.25

A demonstration of the various types of fixed gages and their importance in modern mass production. Go-no go gages in various forms, flush-pin gages, taper ring and taper plug gages are all shown in actual use.

Vernier Scale. DS-19. 1½ reels (sound) \$1.25

A detailed study, largely in animation, of the principles of the Vernier Scale and its application to precision measurement.

Height Gages and Standard Indicators. DS-20. 1 reel (sound)....\$.75

The fundamental principle of the Vernier height gage, together with various forms of standard indicators; their use and care.

Engine Lathe

Rough Turning Between Centers. DS-8. 1½ reels (sound) \$1.00

The procedures followed in setting up an engine lathe for a rough turning job between centers, on a piece already cut to length and centered. Safety precautions in dress and work, necessity of constant reference to blueprint, lubrication of machine, care of centers, and proper use of various controls on the lathe.

Turning Work of Two Diameters. DS-9. 1½ reels (sound) \$1.00

Discusses operations followed when turning a gear blank with its shaft, from a solid piece of round stock. Procedures and precautions used when turning to close tolerances. The establishment of a reference point and its constant use are emphasized.

Cutting a Taper with the Compound Rest and with the Taper Attachment. DS-10. 1 reel (sound) \$.75

Shows the operations used when turning a sharp taper on a bevel gear blank with the compound rest and a slight taper on a shaft with the taper attachment.

Drilling, Boring, and Reaming Work Held in Chuck. DS-11. 1 reel (sound) \$.75

This film gives the operations followed when cutting a tapered hole in a solid forged steel gear blank. Operations of centering the piece in a chuck, rough facing, drilling, taper-boring, and reaming. Checking the finished size of a tapered hole with a taper plug gage, together with precautions to be observed.

Cutting an External National Fine Thread. DS-12. 1½ reels (sound) \$1.00

Describes various shapes of threads and their uses, gives the characteristics of the National Fine Thread, and shows procedures used to cut such a thread on a lathe. Use of the thread pitch gage to check the pitch of the thread, and the thread micrometer to measure the diameter of the work.

Turning a Taper with Tail Stock Set Over. DS-108. 1½ reels (sound) \$1.25

The three methods commonly used when turning tapers on a lathe and the reason for sometimes using the set-over method. Methods of calculating the amount the tail stock must be set over to cut a given taper. One method uses a gage block, another method the dial indicator, and still another the cross-feed screw and its index. The necessity for setting the tool on center when cutting tapers is emphasized.

Cutting an External Acme Thread. DS-109. 1½ reels (sound) .. \$1.25

The various steps followed when taking the roughing cut. After the roughing cut has been completed, a finishing tool is substituted for the stocking tool. The method for setting this finishing tool by means of a setting gage, the picking up of the thread left by the stocking tool, the use of the threading dial, and the method by which it is set are shown in detail.

Milling Machine

The Milling Machine. DS-3. ¾ reel (sound) \$.75

Pictures and commentary indicate the basic principle of the standard plain milling machine. Each part of the machine is named and explained, and some elementary set-ups are demonstrated.

Cutting Keyways. DS-4. 1½ reels (sound)\$1.25
 Shows the setting up of a shaft on the table of the milling machine for cutting a keyway at each end, the selection of the proper cutter, the determination of the correct speed and feed, and the setting of the machine for the correct depth and length of cut.

Straddle and Surface Milling to Close Tolerance. DS-5. 2½ reels (sound)\$2.00

Methods and procedures for rough milling a solid bar of stock all over and finish milling the same piece to a given shape and size. Procedures used when setting up a gang of cutters on an arbor for milling to close tolerances.

Straddle Milling. DS-6. 1½ reels (sound)\$1.25
 Procedures followed when straddle milling a pair of connecting rods held in a fixture. The function of fixtures in production work. A setting gage is used to check the cutter set-up. The use of coolant on the cutters, the checking of each cut, the advantages of the fixture, and the necessity for keeping the table and the work free of chips and burrs.

Plain Indexing and Cutting a Spur Gear. DS-7. 2¼ reels (sound) \$1.75
 The set-up of a milling machine, the use of a dividing head, and the cutting of an 8-pitch spur gear with 36 teeth. Animation study of the principles of the dividing head and how it is used to secure the desired number of cuts.

Vertical Boring Mill

Rough Facing, Turning, and Drilling on a Vertical Turret Lathe. DS-13. 3 reels (sound)\$2.25

Operations in rough facing, rough turning, and drilling on aluminum casting held in the chuck jaws of a vertical turret lathe. Entering the casting on the table, tooling the vertical head for facing, turning, and drilling are shown in detail.

Rough Facing and Boring and Turning a Shoulder on a Vertical Turret Lathe. DS-14. 2 reels (sound)\$1.50

The operations and procedures followed in tooling up a vertical turret lathe for work requiring the independent use of the vertical and side heads. The setting and use of automatic feeds.

Facing, Turning, Boring, Grooving, Chamfering on a Vertical Turret Lathe Using Two Heads. DS-15. 3 reels (sound)\$2.25

This film shows the operations and procedures followed when tooling up a vertical turret lathe for operations requiring the simultaneous use of both vertical and side heads. A semi-finished magnesium casting is secured to the table in a special fixture and the vertical and side heads are used simultaneously to make boring and turning cuts. The use and shape of the chamfering tool.

The Shaper

Cutting a Keyway on a Finished Shaft. DS-22. 1¼ reels (sound) \$1.00
 Operation of shaper in cutting keyway in shaft; safety precautions; clearance hole at end of cut; selection of tool and its setting for given width and depth of cut; correct procedures for securing work in table vise; selection and procedures in setting correct length, position and speed of ram stroke. Blueprint shows steps followed.

Machining a Rectangular Cast Iron Block. DS-23. 2½ reels (sound)\$1.75

Rough machining and finish machining rectangular block of metal held in vise mounted on table of machine; block of cast iron used to show functions and uses of parallels and various ways in which block is set in vise for rough machining all six sides. Techniques when taking finished cuts, including use of tell-tale papers to assure correct seating of piece on parallels, necessity for establishing reference surface, and setting piece so that all other surfaces will be machined from that surface. Difference in shape of roughing and finishing tools and method of setting each, together with depth of cut, and use of automatic feed, and hand feeding.

Machining a Tool Steel V Block. DS-24. 2 reels (sound)\$1.50
 Machining of V-block from solid piece of tool steel held in shaper vise; piece has been finished machined all over ready for cutting V's and clamping slots on

sides; use of paper shims to assure correct seating of parallel; setting ram for length and position of stroke. Cutting slots on side done with only one cut and reason explained; one method of roughing out large V and small V on opposite side; working to layout; selecting finishing tool, setting head of shaper over to 45-degree angle and setting finishing tool for finishing cuts; head remains in one position, and piece is reversed in vise.

The Radial Drill

Drilling and Tapping a Cast Steel Valve Body. DS-25. 1¼ reels (sound)\$1.50

Technique of drilling and tapping blind holes in cast steel on a radial drill. A drill jig with loose bushings is used for locating the holes. Setting up the work on the table of the machine, setting the jig on the piece to the layout lines. Calculating the size of the tap drill and the method used when setting the machine to drill a number of holes to the same depth. A wizard drill chuck is used in the drilling operation, and a standard friction chuck for holding the tap. The action of a tap in a hole is shown in animation and the reason why a tap binds in the hole and must be reversed frequently when tapping in tough metals.

Drilling To a Layout and Spotfacing a Cast Iron Valve Body.

DS-26. 1½ reels (sound)\$1.25

The technique used when drilling to a layout and spot facing the under side of a flange. After the work is clamped in proper place, the layout of the various holes showing the prick punch marks on the center lines are shown on the surface of the casting. A test spot is drilled. Badly off center; the technique used in drawing it over to the center of the layout is demonstrated. The reasons why the drill often starts off center and the basic reasons underlying the various techniques used in drawing it back. A plain spot-facing bar is lowered into a hole in the casting, and a fly cutter is clamped in the bar on the under side of the flange. Closeups and actual spot facing follow.

Bench Work

Cutting Thread with Taps and Dies. DS-113. 1¼ reels (sound) \$1.50

The methods, operations, and procedures used when cutting small threads with the use of hand taps and dies. The job problem requires the tapping of a blind hole in a fuel pump body and the threading of a study bolt. Animation, picture, and commentary explain the correct use of the taper tap, the plug tap, and the bottoming tap in cutting internal threads in a blind hole; the various parts of a die and the exact order in which an adjustable die must be assembled for correct use.

Scraping Flat Surfaces. DS-99. 1¼ reels (sound)\$1.00

Operations and procedures used in hand-scraping flat surfaces to a surface plate. Hand-scraping a fuel pump body to produce a liquid-tight joint. The surface plate and its function in machine shop work; care in its use. Five common forms of hand-scrapers are shown. The straight flat scraper is selected for this job; the operations and care used in sharpening and using this scraper are shown in detail. Closeups and commentary call attention to the position of the scraper, and the methods used in scraping around holes, and near the edges.

Fitting and Scraping Small Bearings. DS-100. 2 reels (sound) ..\$1.50

The scraping of split and solid bearings; the laying out and chipping of oil grooves. A discussion of bearings points out that all bearings must provide full support, be in perfect alignment, and provide for lubrication. The job demonstrated is the scraping of a split bearing of the pillow block type for a jack shaft. The forms of hand-scrapers used for scraping curved surfaces: the three-cornered, the half-round curved, and the half-round straight scraper. Animation is combined with commentary to explain the relieving of such bearings to aid lubrication.

Reaming with Straight Hand Reamers. DS-101. 2 reels (sound) ..\$1.50

Hand reaming a bearing with a straight fluted reamer and a gear blank with a spiral fluted reamer. The drilling and machine reaming of two bearings in line. A straight fluted reamer is selected for the reaming of a two-bearing bracket. Animation, with commentary, shows the reamer blade, names its parts, and explains the work performed by the tapered tip. The second job, a hole in a gear blank, has a keyway, so a spiral fluted reamer is selected. The hole is reamed and checked with a plug gage, and found to be the correct size.

Reaming with Taper Hand Reamers. DS-102. 1½ reels (sound) ..\$1.25

The hand reaming of a taper pin hole through a shaft and collar; taper reaming a dowel pin hole on a split bearing cap. A study of the blueprint shows that a

No. 6 taper reamer is called for as the commentary explains that reamers for taper pins come in sizes numbered from 9 to 13. Animation shows the action of the reamer blade in removing metal with a scraping action.

Centering Small Stock. DS-103. 1 reel (sound) \$75

The tools and methods used when locating the center of round, square, and rectangular pieces; the use of a flat surface, V blocks, and surface gage; the use of the hermaphrodite calipers; and the use of a center head and rule. In each pictorial demonstration, closeups show the setting of the tool used, the scribing of the lines, and the punch markings of the center.

Laying Out Small Castings. DS-104. 1½ reels (sound) \$1.25

The methods and procedures used when laying out a small casting for drilling, starting with the location of a reference point. The first job of layout pictured is a casting for a circular saw bracket in which the bolt holes must be located in relation to the saw bearing; the second, the location and punch marking of six regularly spaced bolt holes on a pipe flange casting. The necessity for accuracy in all layout work.

Fundamentals of Filing. DS-105. 1¼ reels (sound) \$1.00

The selection of the right file for the right job. The various kinds of files and the type of work that each does best. The use of single-cut files to obtain a fine finish on soft steel, and the use of oil or chalk. Draw filing with a single-cut fine file to secure a fine finish. Single-cut and double-cut files and the use of each given. The use of various cuts of files on various kinds of metals.

Action, Use, and Care of Single Point Cutting Tools

Fundamentals of Side Cutting Tools. DS-106. 1 reel (sound) \$75

The name and location of each part of the tool; an explanation of the relationship between each part and the job the tool has to do; how the job of cutting metal and carrying off the heat generated affects the shape, the setting, and the care of single point side cutting tools as used in a lathe. Closeups and commentary call attention to the heat generated at the cutting edge, the friction of the moving chip, and the bending of the chip.

Fundamentals of End Cutting Tools. DS-107. 1¼ reels (sound) \$1.00

Six representative single point end cutting tools are shown and the various uses and characteristics of each. The radius tool, the threading tool, the shear cut finishing tool, the round nosed finishing tool, and the side facing tool. The parts of each tool are shown and named; the tools are shown taking a typical cut; the correct setting of the tool is indicated and the type of cut each is ground to make.

Operations on the Sensitive Drill

Drilling a Hole in a Pin. DS-110. 1 reel (sound) \$75

Two methods for drilling a hole in each end of a steel pin: drilling to a layout; and drilling with a jig. The use of a V-block when drilling is shown in detail. The use of a jig for drilling small, deep holes. Commentary explains the reasons for each movement and emphasizes the various safety precautions that must be observed.

Operations on the Vertical Drill

Locating Holes, Drilling and Tapping in Cast Iron. DS-11. 1½ reels (sound) \$1.25

The picture opens with a few shots of the operator laying out a bolt circle with eight holes. The method of locating the center of the bolt circle and the centers of the various bolt holes, together with the way they are marked to guide the drill press operator, are shown. After all the holes have been drilled, a tapping chuck of standard make is used to tap two holes for set screws. The method of setting the machine for this operation and the precautions the operator must take are shown in detail.

Countersinking, Counterboring, and Spotfacing. DS-112. 2 reels (sound) \$2.25

The first piece is 3/16th by 2 inch steel which must be drilled and countersunk. The second piece is a small cast-iron pedestal, the hub of which must be drilled and counterbored and the base drilled and spotfaced. The necessity for planning in order to keep the number of times tools are changed to a minimum is emphasized as is also the advisability of using simple methods when setting up work.

Latin-America

Americans All. CS-38. 2 reels (sound) \$.50

This film, by Julien Bryan, presents the ways of life—industries, schools, and recreation—in the twenty American republics south of the Rio Grande. South American history, its varied geography and life there today. Emphasizes the need for fostering cultural relations and exchange of ideas as well as goods between the United States and Latin America.

Argentina (People of Buenos Aires). GS-32. 1 reel (sound) \$1.25

Buenos Aires, the commercial, financial, and industrial hub of predominantly agricultural Argentina. A grain broker and a packing plant employee, with the family of the latter, are introduced as representative city-dwellers. The vast pampas region, the source of Argentina's agricultural wealth; the dependence of the city on the rural hinterland. Spanish dialogue is periodically incorporated into the film story.

Argentine Argosy. KS-57. 1 reel (sound) \$1.25

Panorama of Argentina with glimpses of city life, great cattle ranches and farms, mountains and lakes in Western Argentina. Street scenes in Buenos Aires, famous monuments, parks, and people. Life on a large cattle estate: great house, swimming pool, gauchos and native women singing and dancing at barbecue. Iguazu Falls.

Argentine Primer. GS-76. 2 reels (sound) \$.50

Short scenes picture the activities of typical Argentinians. Street scenes in Buenos Aires, public barbecues, activities on cattle ranges, manufacture of raw products for exportation; Argentine daily customs, and cultural pursuits.

Arts and Crafts of Mexico. RS-1. 1 reel (sound) \$1.25

Native craftsmen in home workshops. Spinning, weaving, basket-making, glass-blowing, and pottery-making. Display of Mexico's famous Guadalajara pottery.

The Bounteous Earth. GS-72. 1 reel (sound) \$.50

Dances accompanying the blessing of the animals on Candiemas Day in the City of Cholula (City of Churches). The violent rites at Tllocotalapan, where a young bull is set at large to be baited by the entire community.

Brazil. GS-43. 1 reel (sound-color) \$.50

Industrial Brazil (Rio de Janeiro, Santos, and Sao Paulo) and some of the Amazonian lowlands country. Compares life in the busy metropolises with that in the Brazilian wilds.

Brazil Gets the News. GS-41. 1 reel (sound) \$.50

Activities of the editorial and technical department of a large modern newspaper in Sao Paulo, the "Detroit of Brazil."

Brazil (People of the Plantations). GS-33. 1 reel (sound) \$1.25

A geographical orientation to Brazil's vast extent, its regional contrasts, and its coast cities. A land-owner, an agent, and a family of pickers on a large coffee plantation, with its varied crops, its mixture of immigrant peoples, its educational and religious activities. Film personnel and incorporated dialogue reveal Brazil as a predominantly Portuguese country.

Central America. KS-52. 1 reel (sound) \$1.25

The volcanic origin of the mountains of Central America; volcanic orifices, and steaming pools of lava. Scenes in Guatemala and Costa Rica. Women working on coffee plantations in Costa Rica.

Coffee from Brazil to You. IS-4. 2 reels (sound) \$2.50

The story of coffee: clearing and preparation of the soil; planting the seed; transplanting; eight-inch plants and mature trees; coffee picking, washing, drying, hulling, grading, sizing, shipment by rail, testing, selling, shipment by water, roasting, and packaging. The locale is Sao Paulo and Santos in Brazil.

Colombia. GS-46. 1 reel (sound) \$.50

The port of Barranquilla, the towns of Bogota and Cartagena, and scenes of the beautiful Colombian countryside.

Continent of South America. G-84. 1 reel (silent) \$.75

Main natural regions of the continent, their relation to each other, and physical, biological, and social features of each. The Andes, the Pacific slope, the Brazilian Highlands, the LaPlata Basin, the Guiana Highlands, the Orinoco Basin, and the Amazon Basin.

The Day is New. GS-40. 1 reel (sound)	\$.50
Pictures a day in the life of the people of Mexico City from dawn to dark.	
Ecuador. GS-75. 2 reels (sound)	\$.50
Life and customs of Ecuadorians—handicrafts, industries, natural resources, the strange mixture of ancient and modern habits, opulent churches, activities in schools. The importance of Ecuador and its insular possessions to the protection of the Panama Canal.	
Fiesta of the Hills. GS-60. 1 reel (sound)	\$.50
The story of the ancient culture of the Indians as manifested in the lives of modern Mexicans. Shows 20,000 pilgrims going to the religious celebration at the Grotto, a practice which began in the sixteenth century. The fiesta celebration in all its color with the dances, clowns, games, and food.	
Good Neighbors. KS-58. 1 reel (sound)	\$ 1.25
A travelogue of Lima, Peru; Rio de Janeiro, Brazil; and Buenos Aires. Contrasts beautiful cities with scenes of primitive harvesting and threshing in the pampa country. Unusual airplane views of the Andes, showing evidences of prehistoric settlements. Unique views of crater interiors.	
High Spots of a High Country. GS-51. 2 reels (sound)	\$.50
The people of Guatemala and their volcanic country with its romantic old cities, its markets, and farms.	
The Hill Towns of Guatemala. GS-47. 1 reel (sound)	\$.50
The fascinating life of several small towns perched on the slopes of an extinct volcano mountain.	
In Old Guatemala. KS-55. 1 reel (sound)	\$ 1.25
Travelogue of Guatemala which includes a sequence taken in Dutch Guiana. Waterfalls, lakes, volcanoes, and the sea. Depicts ruins and views in ancient Antigua; glimpses of jungle life and Mayan sculpture; cross-section of the coffee industry. Indians dancing at Surianam and street scenes in Paramaribo.	
Land of Mexico. GS-5. 1 reel (sound)	\$ 1.25
Habits and customs of people in rural areas. Corn harvesting and grinding, home-building, beverage preparation, pottery-making, and handicraft work.	
A Line from Yucatan. GS-64. 1 reel (sound)	\$.50
Planters on Mexico's famed peninsula provide sisal hemp when war closes sources in the Pacific.	
Mexican Murals. KS-12. 1 reel (sound)	\$ 1.25
Murals of Mexico with particular emphasis on the ancient culture of the Aztecs. Scenes of Taxco, Toluca, Xochimilco, Janitzio, Mexico City, and the agricultural life of the natives.	
Mexico Builds a Democracy. GS-69. 2 reels (sound)	\$.50
The Mexican government brings education to its Tarascan people.	
Orchids. GS-42. 1 reel (sound-color)	\$.50
Shows the many different varieties of orchids in South America. Includes shots of South American scenery.	
Our Neighbors Down the Road. GS-48. 4 reels (sound)	\$.50
An automobile tour, part on the Pan-American highway, from Caracas to the Straits of Magellan.	
Peru (People of the Mountains). GS-36. 1 reel (sound)	\$ 1.25
Lima, the modern capital; ruins of pre-conquest civilizations. Present-day descendants of once-proud Indian peoples; their handicrafts and pastoral simplicity. The varied activities of a single family group.	
Sundays in the Valley of Mexico. GS-71. 1 reel (sound)	\$.50
Things to do and see on Sundays near Mexico City—from viewing pyramids to modern dancing.	
Touring Brazil. KS-50. 1 reel (sound)	\$ 1.25
Random scenes of: Rio de Janeiro, the harbor, Sugar Loaf Mountain, stone statue of Christ on the mountain top, mosaic pavements, statues and monuments of the city, street vendors, trees and birds in the Botanical Gardens, and Carnival procession and floats; Penitise, shrine and religious procession; and scenes of natives tapping wild rubber trees, collecting sap, and curing it over a fire; of drilling, loading, and crushing ore in a gold mine and pouring molten gold into forms.	

Venezuela. GS-44. 1 reel (sound-color)	\$.50
Scenes of the capital, Caracas, and the port, LaGuaira, with shots of sugar plantations, colonial forts, and trails.	
Wooden Faces of Totonicapan. GS-50. 1 reel (sound)	\$.50
Guatemalan fiestas, including the breath-taking climax of Chichicastenango's famous eight-day celebration.	
American Heritage	
The Boy Who Saved a Nation. KS-2. 1 reel (sound)	\$ 1.25
The story of the Marquis de Lafayette, who, because of his love of liberty, gave his fortune and services to the revolting colonists in the Revolutionary War.	
Colonial Expansion. CS-48. 1 reel (sound)	\$ 1.25
Animated drawings and interpolated scenes of events in the colonial expansion of North America from 1492 to 1763. French, English, Dutch, and Spanish conflicts in the founding of southern, New England, middle, and West Indies colonies. The development of industry, inter-colonial and foreign trade, and the extension of settlement.	
Community Sing. KS-44. 1 reel (sound)	\$ 1.25
Presents Stanley Brown, Donald Grayson, and others in a program of Stephen Foster songs: <i>Oh Susanna, Beautiful Dreamer, Jeanie with the Light Brown Hair, Old Folks at Home, Camptown Races</i> , and <i>My Old Kentucky Home</i> . Words to the songs are flashed on the screen to be sung by the audience in the usual "community sing" style.	
Declaration of Independence. JS-2. 2 reels (sound-color)	\$ 5.00
A dramatic picturization of the final break between the colonies and England: the drawing up of the Declaration of Independence by Jefferson, Franklin, and Lee. The thrilling 80-mile ride of Rodney from his home to Philadelphia in order to cast his decisive vote is romanticized.	
Discovery and Exploration. CS-49. 1 reel (sound)	\$ 1.25
Animated drawings describe North America during the period of discovery and exploration from 1492 to 1700. Sequences include paths followed by explorers seeking new routes to the East; the Spanish conquests; early northeast trade routes; and mid-continent developments.	
Early Settlers of New England (Salem 1626-1629). CS-18. 1 reel (sound)	\$ 1.25
Reenacts the lot of Salem's hardy pioneers about 1626. Types of people; their bark wigwams and dugouts; their dependence upon the sea and land for food; the need for mutual assistance; division of labor; care of the sick; problems of crop cultivation; relationships with England; and background elements of American democracy are portrayed.	
Familiar Patriotic Songs. KS-65. 1 reel (sound)	\$ 1.25
A typical community sing film including the following songs: <i>Sing America Sing, Yankee Doodle Dandy, My Own American Home, You're A Grand Old Flag, You're My Uncle</i> , and <i>America the Beautiful</i> .	
Flatboat Pioneers. CS-43. 1 reel (sound)	\$ 1.25
The early settlers of the Ohio Valley were "farmer boatmen" through their dependence on the soil for livelihood and on the rivers for transportation. The Valley agricultural economy; frontier homes and domestic activities, flatboat building and loading, and the trip down-river to market. Frontier personalities, speech, and music.	
The Flag Speaks. JS-12. 2 reels (sound-color)	\$ 5.00
Presents the flag of the United States of America and the freedoms for which it stands. The struggles to establish and maintain national unity. How to display and honor the flag properly. The appeal of the flag to the many diverse groups in the United States.	
Give Me Liberty. JS-3. 2 reels (sound-color)	\$ 5.00
The scene is Virginia, 1765, just after the King's tax proclamation has been read and the legislature is in an uproar. Ensuing events lead to a protest meeting of patriots at Richmond, at which Patrick Henry delivers his "Give Me Liberty" speech. The story is fictionalized, but the speech is delivered authentically and in full.	

The Industrial Revolution. CS-50. 1 reel (sound)	\$1.25
Labor, prior to the machine age, done mostly by muscular effort. Compares methods of work from the time of the first steam-powered loom to the modern Diesel electric-powered locomotive. Animated photography describes the mechanical advantage of machines. Cause and effect relationships with respect to their social and economic implications.	
The Kentucky Pioneers. CS-25. 1 reel (sound)	\$1.25
An authentic reenactment of incidents typical of life on the Kentucky frontier. The function of the frontier fort as an institution around which much of the pioneer development took place.	
Land of Liberty. KS-64. 8 reels (sound)	\$10.00
Note: Each two-reel part may be ordered separately for \$2.50.	
Part 1. Early colonial history and the development of the Republic to 1805..	\$2.50
Part 2. History of the U.S. from 1805 to 1860	\$2.50
Part 3. History of the U.S. from 1860 to 1890	\$2.50
Part 4. History of the U.S. from 1890 to 1938	\$2.50
Land of Liberty is composed of material selected from 112 different feature pictures. Episodes include: Washington, Franklin, Jefferson, Madison, Hamilton, and others founding this Republic; Lincoln's stirring appeal for its preservation and its rededication to liberty; the struggle of the pioneers as they win the West and link it to the East, and, finally, the country growing and flourishing by means of peaceful arts, industry, and science.	
Lincoln in the White House. JS-4. 2 reels (sound-technicolor) ..	\$5.00
Soon after making his inaugural address, Lincoln is informed that Fort Sumter has been fired upon. He prays for guidance, and for the duration of the war refuses to think of peace without the certainty of a free and undivided nation. The Gettysburg Address.	
Man Without a Country. JS-5. 2 reels (sound-technicolor)	\$5.00
A dramatization of the famous story of Lieutenant Nolan who angrily curses the United States and says that he hopes never to see it again. The story of his lonely travels, although highly emotionalized, is a good dramatization of transition in American concepts of patriotism.	
Monroe Doctrine. JS-10. 2 reels (sound-technicolor)	\$5.00
Events leading to the Monroe Doctrine, its supporters, and its European opponents. Henry Clay's speech favoring aid to other Americas, and the President's proclamation. Later applications of the Monroe Doctrine to other situations. Theodore Roosevelt's "big stick" speech.	
Old Glory. JS-11. 1 reel (sound-technicolor)	\$2.50
Porky Pig does not like to study the pledge of allegiance to the flag. In a dream Uncle Sam visits him and tells him of many famous events in American history. Porky learns why he should salute the flag.	
Our Bill of Rights. JS-1. 2 reels (sound)	\$2.50
Recreates the forming and adopting of the first ten amendments, or the Bill of Rights, to the Constitution. The portrayals of James Madison, George Washington, Benjamin Franklin, John Randolph, Alexander Hamilton, and John Jay make this historic film very real.	
Our Government. CS-30. 1 reel (sound)	\$1.25
The historical background of the Constitutional Convention; the theory of government, by which each branch operates as a check upon the other two branches; the powers and functions of each branch.	
The Perfect Tribute. KS-14. 2 reels (sound)	\$2.50
A dramatization based on "The Perfect Tribute," a story by Mary Shipman Andrews, telling of Lincoln's composition of the Gettysburg Address, his subsequent disappointment at its reception, and its final appreciation by a wounded soldier.	
A Planter of Colonial Virginia. CS-11. 1 reel (sound)	\$1.25
An authentic study of the home life of planters of colonial times. Social, economic, and cultural aspects, including medical practice, social events, political issues, social strata, social controls, and food, shelter, and clothing.	
Ring of Steel. DS-89. 1 reel (sound)	\$50
A patriotic film showing battlefields famous in American history and the part the American soldier has played in the growth of the nation.	

Romance of Louisiana. JS-6. 2 reels (sound-technicolor)

The story of the Louisiana Purchase, beginning with the Congressional argument about Louisiana in which a bill is passed to purchase it for not more than two million dollars. Monroe goes to France to deal with Napoleon, who needs money to wage war against England. Finally, Louisiana is purchased for fifteen million dollars, ratification takes place December 20, 1803, and the French officials retire at a ceremony in New Orleans.

Servant of the People. KS-20. 2 reels (sound)

The story of the making of the American Constitution. The confusion that arose under the Articles of Confederation, the need for compromise, and the drafting of the Constitution at the Continental Congress.

Song of a Nation. JS-7. 2 reels (technicolor)

The story opens with a musical at the home of Francis Scott Key, where Key criticizes the American policy of non-resistance to the presence of British boats off Boston. He is accused of lack of patriotism. Going aboard a British ship to arrange for the release of an arrested friend, he is held all night and watches an attack on Fort McHenry. At dawn the American flag is still waving. Key writes the stirring *Star Spangled Banner* and proves his patriotism.

Teddy the Rough Rider. JS-13. 2 reels (sound-color)

This biography of Theodore Roosevelt from 1898 to 1914 shows his activity successively as President of the New York Police Commission; as Assistant Secretary of the Navy; his organization of the Rough Riders and participation in the Spanish-American War; his election as governor of New York State; his nomination and election to the Vice Presidency and Presidency of the United States. Throughout the film the impression is given of rugged and constructive honesty in his handling of self-seeking politicians, labor disputants, and un-American influences, both before and after the First World War.

Post-War Planning

The Battle is in Our Hands. US-82. 3 reels (sound)

Impact of the war on production in rural areas and how it can be met.

The Price of Victory. DS-130. 1 reel (sound)

Henry A. Wallace, Vice President of the United States, explains the ideals we are fighting for and the price we must pay for victory. A condensation of the now famous speech which he delivered before the Free World Association in New York City on May 8, 1942.

The World We Want to Live In. CS-37. 2 reels (sound)

The growth of religious intolerance in the world today and how the National Conference of Christians and Jews, together with outstanding citizens, is trying to prevent its growth in America.

Information for Victory

Indiana University is one of the officially designated key centers in the national system of War Information Service.

Among the services directly related to war and kindred problems are the following:

- On campus, exhibits and libraries
- Correspondence courses for men and women in the armed services
- Leadership training
- Guides to study and public discussion
- University extension classes in Indianapolis, Fort Wayne, East Chicago, South Bend, Jeffersonville, and other centers
- University lectures
- Home study courses
- Package libraries
- Motion pictures
- Lantern slides

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