

# Learning Resources

## 3-2-1 Classroom Contact Scientific Investigation

Laser Videodisc Level I

This double-sided Level I videodisc contains all four 15-minute programs on *Scientific Investigation: How Do You Know; Collect the Data; Dig it Up!; Experiment: and Make a Model.*

Videodisc technology enables students to view the entire program or rapid access to program segments. The Teacher's Guide provides the bar codes, chapter numbers, and frame numbers for all the segments on the videodisc. It also includes a Frame and Bar Code Index so you can easily find any scene or image on the videodisc. You have maximum flexibility in using the materials efficiently and creatively. Level 1 interactive videodiscs do not require any computer links.

Ages 9 to 11  
60 minutes, order 4-4079-IN

## Accident Causes And Prevention (2nd Edition)

Laser Videodisc

Employee staff and Supervisors are shown the behaviours that signal safety hazards. Among the things to look for in others as well as in themselves are: lack of attention and concentration, tenseness, irritability, conflict with fellow workers, and health problems. Supervisors are taught to be alert and sensitive to staff problems with the goal of preventing accidents. Staff are taught to seek help to deal with

## A complete list of our video disc programs, all topics

personal problems. The program notes that employee assistance programs may be available to help overcome risk-producing problems, and urges open communication as a means of preventing accidents.

*"Is a valuable part of our safety program. The guys on the floor can really relate to it. It's a good reminder that accidents can happen in many ways ... an excellent, thought-provoking film."*  
Abb Gilbert, Safety Consultant, GM, Oshawa ON

Adult, Professional  
15 minutes, order 1-83241-IN

## Adaptations For Survival In The Sea

**G**rade 4 - *Habitats and Communities; Basic concepts: the food chain as a system; structural adaptation of animals that demonstrate a response to the living things in their environment; the need to live in specific habitats to survive.*

Using underwater photography, this program explores some of the techniques sea creatures use in adapting to their environment for survival.

Camouflage; intentional colouration; hiding; staying in groups; body armour; venom.

Different animals have taken advantage of different food sources, some feeding at the top of the food chain and others at the bottom. Every animal is both predator and prey.

Ages 9 to 11, Ages 12 to 14  
19 minutes, order 1-8990-IN

## Adventures In Space: Journey To The Moon

Laser Videodisc

Using NASA footage, the program covers the beginnings of America's space program, from John F. Kennedy's decision to put a man on the moon to it becoming a reality. The Apollo missions to the moon remain among America's greatest triumphs in space exploration. Excellent footage of rocket launchings, views from space, and astronauts on the moon.

Available also in VHS and CD-ROM

Ages 15 to 18, Adult  
27 minutes, order 1-84811-IN

## African Apes And How They Live

Video Laserdisc

**A**FRICAN APES AND HOW THEY LIVE  
(INTERMEDIATE LEVEL NARRATION)

Fact-filled narration and beautiful photography combine to present the lives, habits, and social systems of the most human-like animals on earth at home in Africa's tropical rain forests.

Ages 9-14  
17 minutes, order 1-86001-IN

## The Age Of Anxiety (1952-1958)

Laser Videodisc

Eisenhower is elected the first Republican President in twenty years. The Korean war ends. Hilary conquers Everest. Stalin dies, leaving Krushchev to develop his "good-guy diplomacy." The U S and Russia begin the arms race; and America unveils the Nike surface-to-air missile in 1954. Castro's rebels challenge Batista in Cuba, and China takes Taiwan's small islands near the mainland.

Ages 12-18, Adult  
24 minutes, order 1-98211-IN



## Learning Resources

### Age Of Intelligent Machines

*Laser Videodisc*

An overview of several current artificial intelligence applications presented at a level of interest to the average citizen. Voice input and output, speech synthesis, robotics, and character recognition are some of the current applications shown. As an example, the combination of robotics and voice control to provide service to a paralyzed person is illustrated and the inventor of the device is interviewed about the ideas needed to produce this type of product.

Crisp cinematography and electronic music increase the excitement of learning about artificial intelligence and expert systems from host Ray Kurzweil as he visits users and innovators across the U.S. Demonstrating two machines that Kurzweil developed, singer Stevie Wonder plays music on a synthesizer whose visual display interfaces with a speech synthesizer, after which he operates another machine that reads a book aloud to the blind entertainer. Quadriplegics as well are shown to benefit from such advances as they direct robots with their voices to perform simple chores.

Although seemingly simple problems in creating the machines have proven difficult to solve in the lab, the carefully scripted program explains a machine's pattern recognition, knowledge of a particular domain, and a theory about how the brain thinks. Depicting applications in art, industry, and education, this informative documentary will appeal to technically minded audiences in classrooms and public libraries who enjoyed National Geographic's *Miraculous Machines*.

Ages 12-18, Adult  
29 minutes, order 1-99371-IN

### Aids: Everything You Should Know

*2nd Edition*

Whoopi Goldberg joins USC medical professor Dr Alexandra Levine in presenting the facts on HIV/AIDS - for teens.

Learn the various ways HIV is passed and how to avoid contracting it.

In a forthright approach to human sexuality and the hazards of STDs, including HIV/AIDS, abstinence is emphasized as the safest course of action.

Also available in a *special version* that advocates condoms and spermicide to reduce risks for the sexually active. (20 minutes, order 1-8783).

Ages 12-18  
20 minutes, order 1-8758-IN

### Aids: Everything You Should Know (2nd Ed) Extended

*Laser Videodisc*

A dynamic presentation by actress Whoopi Goldberg and medical professor Dr. Alexandra Levine on the facts and dangers of HIV/AIDS.

Explains how the virus (HIV) that causes AIDS is transmitted (primarily through unprotected sexual intercourse and shared drug needles). Also explains how to avoid contracting HIV - through abstinence, the proper use of latex condoms, and other life-saving methods. Spanish and captioned versions are also available.

Ages 16 to Adult  
28 minutes, order 1-87581-IN

### Aids: Everything You Should Know (2nd Edition, Special Vers)

Specifically to inform teens, Whoopi Goldberg joins USC medical professor Dr Alexandra Levine in presenting the facts on HIV/AIDS.

Learn the various ways HIV is passed and how to avoid contracting it. In a forthright approach to human sexuality, and the hazards of STDs including HIV/AIDS, abstinence is emphasized as the safest course of action.

This expanded version advocates condoms and spermicide to reduce risks for the sexually active.

Ages 12-18  
20 minutes, order 1-8783-IN

### Aids: Everything You Should Know

*Laser Videodisc*

Ages 12 to 14, Ages 15 to 18  
20 minutes, order 1-99261-IN

### Alcohol, Drugs, And Kids

*Laser Videodisc*

In this program, four teenagers who started drinking or using drugs at an early age share their experiences. The program dramatizes their stories in flashback while the teens talk about why they started...including to see what it was like, to escape from family problems, to fit in with their friends or family members, or to attempt to overcome shyness. They each reveal how alcohol or a drug came to control their lives.

*"With believable portrayals and a focus on saying no, this helpful program appeals to a young audience."* Booklist, American Library Journal

Ages 9 to 11, Ages 12 to 14  
18 minutes, order 1-80361-IN



## Learning Resources

### Alcohol And Human Physiology

*Laser Videodisc*

What are the effects of alcohol on the human body? The user of alcohol...not just the abuser...should know. Most people overlook the fact that alcohol is a drug...a toxic drug. This important program explains the effects of alcohol on the human body's major organs and systems. The ill-effects of alcohol on the digestive, circulatory, muscular, skeletal, urogenital, and nervous systems are demonstrated and are interwoven with interviews with six recovering alcoholics who briefly recount the physiological damage to their bodies caused by alcohol.

Ages 15 to 18, Adult  
21 minutes, order 1-97691-IN

### Alexander Graham Bell: The Voice Heard 'round The World

*Laser Videodisc*

The themes of sound and silence played a role from the beginning of the life of Alexander Graham Bell, the inventor of the telephone. His father was a professor of speech who pioneered efforts to teach the deaf people to speak. His mother was deaf. Bell himself became a teacher of the deaf and married one of his pupils.

Bienn Breagh, Bell's large, dignified Victorian home for thirty seven years, is crowded with objects of his life. In this tour of Bell's home, the Bell Museum in Buddeck, Nova Scotia, and the Boston workroom where Bell perfected the telephone, many of Bell's discoveries in the fields of medicine, recorded sound, engineering, aeronautics, and marine design are seen.

Ages 9 to 11, Ages 12-18, Adult  
25 minutes, order 1-97461-IN

### Alexander & The Terrible, No Good, Very Bad Day

*Laser Videodisc*

The youngster's poutingly told, first-person narration is perfectly suited to the relentless catastrophes he endures in this heartfelt, live-action adaption of Judith Viorst's book. With its appealing sets, convincing acting, attentive staging, and cheery music...this is a charming and sympathetic reflection of the universal experience of a bad day from a child's point of view. BOOKLIST, AMERICAN LIBRARY ASSOCIATION

Early Years, Ages 6-11  
14 minutes, order 1-99251-IN

### Alexander, Who Used To Be Rich Last Sunday

*Laser Videodisc*

Alexander likes money. A lot. So when his grandparents came to visit on Sunday, they brought gifts for his parents, but they gave money to Alexander. That made him very happy and very rich. The trouble is Alexander was only rich on Sunday.

In this witty and well acted little film, a young boy, in the face of sudden "riches," has some memorable experiences with concepts of getting, spending, saving, and "losing" money. Alexander, as both actor and over voice narrator, involves all ages in his clever antics at the same time that he teaches a very elementary lesson in money management. Blue Ribbon, 1990 American Film and Video Festival. Festival Favourite! 1990 CAVE Film Festival

Ages 6-11, Early Years  
14 minutes, order 1-81331-IN

### All About Animals Series

*Grade 2 - Growth and Changes in Animals; Basic concepts: identify and describe the major physical characteristics of different types of animals.*

Six programs which introduce children to the amazing world of animal behaviour and adaptation. Concepts are introduced in songs children learn to sing, and key words are captioned on screen to expand reading vocabulary.

### Birds

Birds are shown nesting, caring for their young, flying, and moving on the ground. Their feathers and other physical characteristics are examined in fascinating detail. This portrayal of birds is designed to stimulate children's curiosity and help them develop an awareness and understanding of birds in their own environment. Order 1-4013, 10 minutes

### Fish

The characteristics of fish are related to behaviours such as movement, adaptation, and defense. Artwork, music, and vivid underwater photography make adaptation and behaviour clear to young viewers. The program provides a unique close-up view of fish as they move in their environment. Order 1-4010, 10 minutes

### Mammals

Both familiar and exotic animals illustrate the characteristics of mammals. Music, diagrams and engaging photography introduce and reinforce concepts of animal adaptation and behaviour. Movement, building or seeking shelter, and caring for offspring are shown. Order 1-4004, 10 minutes



## Learning Resources

### Reptiles

The program investigates the physical characteristics and behaviour of representative reptiles, and encourages children to use the science skills of observing, classifying, analyzing, and generalizing.

Order 1-4006, 10 minutes

### Insects

Children will learn that there are helpful insects like the bee and silkworm, and troublesome insects like the mosquito and fly. Through macrophotography, the program shows that all insects have three main body parts, six legs, and skeletons on the outside of their bodies. Insects can be found anywhere on our planet, from the most extreme heat to the deepest cold, in water, on land, and in the air.

Order 1-9804, 12 minutes

### Amphibians

Music, artwork and lively nature photography give a vivid definition and illustration of the characteristics and behaviours of various amphibians. Shows clearly how amphibians live part of their lives in the water, and part on land.

Order 1-4012, 10 minutes

Each title available in VHS, CD-ROM or Laser Videodisc

Early Years, Ages 6 to 8 minutes, order 1-40100-IN

### Alligators And How They Live

Laser Videodisc

Once hunted to the point of extinction, American alligators have made a thriving comeback. Florida leads the way with an estimated total of one million alligators; they can also be found in the lakes and swamp of Louisiana and other Gulf states and as far north as the Carolinas.

This program introduces viewers to the very special characteristics of the American alligator. It describes the features they share with other reptiles and other *crocodillians*, and explores the unique traits they have evolved in order to survive on land and in water.

Ages 9-14  
17 minutes, order 1-83911-IN

### America's Political Parties: The Democrats 1960-1992

Laser Videodisc

What happened to the traditional Democratic coalition of progressives, urban dwellers, minorities, Catholics, trade unionists, and a "solid South"? The Democrats dominate Congressional, state, and local elections but have been unable to elect a President until now. Clinton is the first Democratic President since Jimmy Carter. Nationally syndicated columnist Ben J. Wattenberg explores these

and other issues with dramatic footage and revealing analyses by key Democratic leaders. By Manifold Productions.

Ages 12-18, Adult  
50 minutes, order 1-83321-IN

### The American Constitution: The Road From Runnymede

Laser Videodisc

This program examines the English roots of the U.S. constitution, explaining how the fundamental principles of "rule of law" and "limited government" have been translated into the American system. Host Christopher Reeve guides viewers through dramatic recreations covering six hundred years of political struggle from the Magna Carta in 1215 to the Philadelphia Convention of 1787.

Viewers will relive the political turmoil of seventeenth century England and become acquainted with the theories of John Locke that greatly influenced colonial America and sparked the powerful clashes between the American colonists and Great Britain. Reeves explores the difficulties early American leaders faced under the Articles of Confederation in trying to balance the rights of citizens against the need for an effective government. The program is divided into two parts to allow for discussion. Produced by The Constitution Project.

Key Points:

\* Examines the evolution of American government and explains the fundamental principles that guide it such as the rule of law, due process, the bill of Rights, and limits on government's power.

\* Discusses fundamental questions regarding the relationship between citizens and their government.

\* Explores the political theories from English history that influenced the American Constitution.

Ages 9 to 11, Ages 12-18, Adult  
58 minutes, order 1-84601-IN

### American Revolution: Rebellion And Preparing To Fight

Video Laserdisc

A recreation of the American colonies' rebellion against British injustice and their struggle for independence.

Covers pre-war events such as the Boston Tea Party, the development and training of the minutemen, and Paul Revere's famous ride. Also covers the beginning of the Revolutionary War, including the Battle of Bunker Hill, King George's rejection of the colonists' petition for peace, and the removal of England's protection of the colonies.

Ages 12-18  
16 minutes, order 1-86281-IN



## Learning Resources

### Ancient Egyptian Civilization

*Video Laserdisc*

Examines the great achievements of ancient Egypt with examples of continuity from that civilization to modern-day Egypt.

Discusses the significance of ancient monuments and sites, such as the Temple of Amen-Ra at Karnak, the Pyramid of Pharaoh Zoser, and the Valley of the Kings.

Also explores the role of the gods in ancient Egypt, the belief in an after life, and the importance of the Nile River in the day-to-day life of Egyptians throughout the centuries. Also available in VHS Order 1-8592.

Ages 12-18  
21 minutes, order 1-85921-IN

### Andrew Carnegie: The Original Man Of Steel

*Laser Videodisc*

Andrew Carnegie stands as one of the giants of industry who helped shape America's modern age. Born into poverty, he and his Scottish parents immigrated to America when he was twelve. Although Carnegie had only five years of schooling, he was a genius at business and eventually made a fortune in the burgeoning steel industry.

By the beginning of the 20th Century, when he was in his sixties, Carnegie was the richest man in the world. Then, he began his second career...giving his money away.

This program describes the man as it tours Carnegie's homes, and visits the research institutes, universities, museums, foundations, concert halls, and libraries established through his enlightened philanthropy.

Ages 9 to 11, Ages 12-18, Adult  
24 minutes, order 1-98921-IN

### Andrew Jackson's Hermitage

*Laser Videodisc*

Frontier soldier, hero of the Battle of New Orleans, farmer, duel fighter, and one of America's most popular and powerful Presidents, Andrew Jackson helped usher in the age of the "common man" in national politics. He created a powerful political organization that became the Democratic Party and instituted reforms that historians now refer to as "Jacksonian democracy."

Jackson built his home, the Hermitage, in his adopted Tennessee. Many of Jackson's original furnishings and possessions are shown as E.G. Marshall explores the life of this great President.

Also available in laser videodisc.

Ages 9 to 11, Ages 12-18, Adult  
23 minutes, order 1-42171-IN

### Animal Communities

*Laser Videodisc*

Explores relationship of animals to their surroundings and their interactions with each other. *This title available in CD-ROM, VHS or Laser Videodisc formats*

Ages 9 to 11, Ages 12 to 14  
14 minutes, order 1-82071-IN

### Animal Life In A Tidepool

*Laser Videodisc*

Outstanding nature photography vividly depicts the wonder of life in these delicate communities, uncovering many fascinating animals, including sponges, anemones, tubeworms, barnacles, mussels, sea urchins, starfish, sea cucumbers, limpets, slugs, and crabs. Includes brief discussion of ocean tides. Available in Level 1 or HyperStax-Level 3.

Ages 9 to 11, Ages 12 to 14  
12 minutes, order 1-83841-IN

### Animal Reproduction

*Grade 6 - Diversity of Living Things: Basic concept: Explain why formal classification systems are usually based on structural characteristics (i.e. reproductive systems) rather than on physical appearance; identify characteristics of vertebrates and use these to classify as mammals, etc.*

Uses vivid photography and colourful diagrams to show how animals reproduce sexually and asexually.

Different species have evolved to use the method which works best for them given the environment and conditions in which they live.

Asexual reproducers shown are the hydra and the paramecium. shown is the paramecium, which divides in half to form two new paramecia.

Most animals reproduce sexually, where a sex cell from each parent unites to form a new individual. Shows how chromosomes determine the attributes of the new individual.

This program is a visual overview of the subject. Advance preparation for terms used may be required. Animal reproduction, where shown, is age appropriate.

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-9122-IN

### Ants And How They Live

*Laser Videodisc*

Observe the remarkably organized lives of ants. Make a formacarium and study their life cycle, channels and behaviors.

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-82221-IN



# Laser Video Disc Products

C A N A D I A N L E A R N I N G C O M P A N Y

## Learning Resources

### Ask Any Dummy-seat Belts Make Sense!

Laser Videodisc

Featuring Vince and Larry, the Department of Transportation's crash dummies. Having completed another successful "buckle-up" ad campaign, they embark on a weekend of rest and relaxation. Along the way, they're exposed to some of the physics of human bodies in motion inside crashing cars. Vivid and memorable comparisons are made between the effects on belted and unbelted passengers. Special emphasis is given to risks to infants and children who are unbelted or who are sitting on an adult's lap. The necessity for a well-designed, properly selected child safety seat is made clear.

Ages 15 to 18, Adult  
18 minutes, order 1-81211-IN

### Atoms And Molecules

Laser Videodisc

Examine the properties, structure and functions of these two basic units of matter including protons, electrons and neutrons, plus dissociation.

Ages 15 to 18, Post Secondary - Introductory, Adult  
22 minutes, order 1-82711-IN

### Bacteria And Health

Laser Videodisc

Youngsters will learn that from the moment they're born, they're exposed to bacteria. With the aid of diagrams, animation, X-ray cinematography, electron microscopy, and time lapse photography, this program shows that the body comes into daily contact with millions of bacteria.

Microscopic examinations prove that bacteria exist in the air and on any surface that comes into contact with air. Samples from the mouth and intestines show the vast numbers of bacteria that live inside a healthy person.

The program teaches that some bacteria are useful in the body, but others are harmful. The ways that the body copes with harmful bacteria are shown.

Diagrams and experiments teach that taking simple precautions, such as disinfecting and dressing wounds, washing hands in soapy water, and maintaining general good health can help protect against infections.

*This film is effective in teaching students that they live in a world filled with bacteria...it should raise students awareness and stimulate questions.*  
**AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE**

Ages 9-14  
18 minutes, order 1-80151-IN

### Basic Grammar Series

Laser Videodisc

**Nouns** Two off-screen humans, a narrator and a young child are introduced to persons, places, and things by a pixillated robot.

Throughout this animated fantasy, the boy learns to identify nouns while trees, train whistles, boots, bugs, a bottle, and a gorilla illustrate the range of creatures and things named by nouns. The boy is able to apply the tests for grammatical characteristics of nouns. Sentences are superimposed to correspond with the action.

**Verbs** The robot host and the unseen humans featured in this series investigate verbs, developing grammatical rules with the help of the robots "guests." The robot sings, gloved hands dance, and a variety of whimsical objects illustrate the functions, conjugations, and irregularities of verbs.

**Modifiers (Adjectives And Adverbs)** An animated circus helps the unseen humans in this program understand modifiers, what they do and how adverbs and adjectives can be told apart. Specific cases are illustrated by a lion, a dog, a clown, a dragon, and a gorilla's feet which appear throughout the series.

Ages 9 to 11  
24 minutes, order 1-75011-IN

### Bats And How They Live

Laser Videodisc

*Recommended science 8-Adaptation and Succession.* Saskatchewan Education, Training and Employment.

Close-up, slow-motion photography captures a rare and unique view of various species of bats in their natural environments. The program discusses the bat's anatomy, flight movements, and hunting abilities.

Intensive scientific studies show how bats are able to navigate at night using *echolocation*. The experiments also reveal the bat's ability to distinguish between different kinds of insects it hunts for food, the insect's direction of movement, and its distance. A fascinating look into the life cycle of the only mammal that can fly!

Ages 9 to 11, Ages 12 to 14  
15 minutes, order 1-84771-IN

### Bees And How They Live

Laser Videodisc

The fascinating secret life of three classes of honey bees: queen, workers, and drones.

Witness a complete metamorphosis from the laying and fertilizing of eggs, through the emergence from its cell.

Ages 9-14  
15 minutes, order 1-86311-IN



## Learning Resources

### Beginnings: You Won't Get Aids

*Laser Videodisc*

First Place, Gold Camera Award, 1990 U.S. Film and Video Festival

As the AIDS epidemic spreads, children are exposed to anxiety-causing bits and pieces of information. Much of what they hear comes from classmates and older children, much of it incorrect. This program provides reassuring, current and topical information about AIDS in an easy-to-understand format especially for young children. The film combines lively animation, live action and songs, to help children understand how AIDS is spread, while at the same time allaying their fears and developing an awareness that they are in control of their own health.

It also teaches children that while AIDS is a very serious disease, it is very hard to get and nothing they normally do at home, at school, or at play will give them AIDS. It reinforces the principle that good health is something to be treasured, not taken for granted and that people's choices as far as eating, exercising and not taking drugs does effect their health. Finally, it shows them that people with AIDS need help, compassion, and friendship. And that they can't get AIDS from people by being their friends, talking to them, going to school with them, or even living with them.

*...a lively, optimistic production which lays a factual foundation for further knowledge as children mature. SCHOOL LIBRARY JOURNAL*

*...upbeat, music-filled production aimed at dispelling fears... Positive health habits, proper hygiene, and the avoidance of drugs are reinforced... effectively addresses kids' concerns about AIDS. BOOKLIST, AMERICAN LIBRARY ASSOCIATION.*

Ages 6-11  
14 minutes, order 1-98431-IN

### Benjamin Franklin: Citizen-sage Of A New Age

*Laser Videodisc*

Benjamin Franklin was an 18th Century genius who made remarkable contributions to the world in the fields of science, literature, politics, foreign diplomacy, and public works. He was also a printer, newspaper publisher, and author famed for *Poor Richard's Almanac*. Yet, Franklin, son of a soap and candle maker, had only two years of schooling and ran away from home at twelve.

This journey through the myriad facets of Franklin's life tours the Philadelphia institutions he founded and Independence Hall where he helped write the Declaration of Independence.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-98901-IN

### Best Of Times, The (1920-1924)

*Laser Videodisc*

A period of rapid growth and an attempt to return to "normalcy" and isolationism. The first presidential election in which women can vote sweeps the Republicans and Harding into office. Immigration quotas and high tariffs are passed by Congress. Machinery replaces manpower as the foundation of American manufacturing; census figures report that a majority of Americans now live in urban area. The country flocks to see movie stars like Chaplin, Keaton, Pickford and Valentino; radio becomes hugely popular. Harding maintains great popularity through a scandal-ridden term, but dies in office; Coolidge becomes President.

Ages 12-18, Adult  
24 minutes, order 1-97581-IN

### Between The Wars (1918-1939)

*Laser Videodisc*

Sports heroes, film stars, and daredevil barnstormers catch the public eye. Automobiles roll off assembly lines. But disasters dampen high spirits. Floods and dust storms leave millions destitute; the Hindenburg tragically and mysteriously explodes into flame; and the Depression sweeps America.

Ages 12-18, Adult  
25 minutes, order 1-98131-IN

### The Biology Essentials Cd-rom Series

A complete biology curriculum. Each CD-ROM or LaserDisc contains video chapters (25 minutes total); random access, interactive browsing; interactive quiz; bulletin board; test with record keeping; interactive glossary; teacher management system (password protected).

The teacher management system allows teachers to write and edit quiz questions; write and edit test questions; track student scores; create and edit bulletin board information; print quizzes, tests, scoring keys and bulletin boards; and print class rosters with scores by name or code.

### The Human Body: The Ultimate Machine

Details the functioning of each of the human body's major systems including the muscular, circulatory, respiratory, digestive, skeletal, urinary, endocrine, lymphatic, nervous, and reproductive systems.

Realistic 3-D animation, exciting footage of actual surgical procedures, and microphotography take students on a concise and incredible journey through the human body.

Also introduces students to how physicians obtain a wealth of information about patients through observation and simple tests.

CD-ROM only, order 1-8997



## Learning Resources

### **Cells: The Building Blocks of Life**

Introduce cells as the building blocks of life and the two basic types of cells - eukaryotic and prokaryotic.

Detailed 3-D animation illustrates the major components of prokaryotic cells including the nucleus, nuclear membrane, gelgi bodies, microtubules, microfilaments, and cytoplasm.

The importance of the cell membrane in the processes of diffusion, osmosis, and active transport are illustrated. Cellular processes such as respiration, photosynthesis, and reproduction are also discussed.

CD-ROM only, order 1-8998

### **The Web of Life: Producer to Predator**

A visual excursion into the world of energy pyramids, food chains, and nutrient cycles.

Ecosystems serve as examples for discovering how organisms adapt to unique environments. Abiotic factors such as temperature, precipitation, nutrients and geography play a critical role in the survival and evolution of populations in these environments.

Water, carbon, nitrogen, and phosphorous cycle between the biotic and abiotic worlds, and in doing so, transfer energy from the sun to fuel life. Life takes enumerable forms in the organisms of Earth, and these organisms fill their niches in

remarkable ways. The variation of these organisms and the relationship between them are investigated.

The niche of humankind is also explored. Will our creativity lead to survival or extinction? Wander through these ecosystems and consider the options.

### **Genetics and Heredity: The Blueprint of Life**

Illustrates the structure of DNA and the processes of mitosis and meiosis using high quality 3-D animation. It explains how traits are passed between generations, the differences between pure and hybrid traits, recessive and dominant genes, and the use of the Punnett square to predict the probability of offspring inheriting a given trait.

The program also looks at common genetic disorders and the importance of genetics in medicine and biotechnology.

CD-ROM only, order 1-9078

### **The World's Biomes: Desert to Rainforest**

Introduce students to how various physical forces determine the climate of a biome and, in turn, the density of life within a given biome.

Take students on a journey through rainforests, deserts, grasslands, coniferous forests, alpine tundra, deciduous forests, and marine and freshwater biomes.

Throughout the journey, the adaptations that different organisms make to their environment are highlighted.

CD-ROM only, order 1-9079

### **Classification: Bringing Order to Diversity**

Explains how biologists try to organize 4.5 million species of life and how they document the process of evolution.

Scientists have developed a system of classification that groups all living things into five kingdoms - these kingdoms group organisms based on major differences in structure.

The kingdoms Monera, Protists, Fungi, Plantae, and Animalia are each unique in structure, function and organization at the cellular level. These unique differences are shown and explained.

The program investigates the unique characteristics of living organisms and describes some of the major divisions within these five kingdoms.

Although the science of classification is still being discussed and modified, the system works well to help provide order to a world with an incredible diversity of life.

CD-ROM only, order 1-9080

Ages 15 to 18, Ages 12 to 14 minutes, order 1-89970-IN

### **Booker T Washington's Tuskegee America**

Laser Videodisc

Born as a slave, Booker T. Washington rose to become the most influential black leader and educator of his time...an advisor to four Presidents and founder of Tuskegee Institute.

This program tours the "home" that Washington created at Tuskegee and outlines the path of his career and the development of his views on the education of African-Americans. While exploring the post-Reconstruction era in which he lived and taught, the program examines the opposing views in the struggle for black rights that were prevalent at the turn of the century.

Ages 9 to 11, Ages 12-18, Adult 25 minutes, order 1-97451-IN

### **The Brain And Spinal Cord**

Laser Videodisc

Investigate the functioning of animals' nervous systems, including nerve cells, the brain and the cerebrum.

Also available in CD-ROM and VHS formats

Ages 12-18

15 minutes, order 1-82801-IN





## Learning Resources

### The Brave New Age (1903-1912)

*Laser Videodisc*

A restless spirit characterizes America's rush into the modern age. Tensions arise as the country is transformed into a multi-ethnic, urban, consumer society with more leisure time. Labor unrest increases; New York City's population becomes fifty percent foreign-born; Henry Ford introduces the Model T; Carrie Nation crusades for prohibition; San Francisco is shaken by a massive earthquake; Mary Pickford becomes "America's Sweetheart"; and Teddy Roosevelt's Bull Moose campaign to recapture the White House fails as Woodrow Wilson is elected.

Ages 12-18, Adult  
25 minutes, order 1-97521-IN

### The British Way Of Life

*Laser Videodisc*

The history and geography that help explain the nature of the British people are explored in this program. The British invented modern democracy. They brought about the industrial revolution. They ruled an empire covering a fourth of the world's land and spread their way of life to a fourth of the world's people.

They survived two devastating world wars, economic crisis, and loss of world power. Now, they enjoy world prominence as manufactures, traders, and political leaders.

Through interviews with people in London, northern England, Scotland and Wales, the program lays a foundation for understanding the shy, socially conscious, self-deprecating, polite yet stubborn character for which the British are known.

Ages 9 to 11, Ages 12-18, Adult  
24 minutes, order 1-81251-IN

### Causes And Effects Of Abuse

*Laser Videodisc*

Martin Kove gives an "inner" lesson about the causes and effects of decisions to his group of karate students. He points out that the older they are, the more complicated decision-making can become. Three situations illustrate his lesson and prepare teenagers for making hard decisions. The situations involve change of life goals after spending time in juvenile detention, peer pressure and drinking and driving, and teen pregnancy and peer intervention.

Ages 12-18, Adult, Professional  
20 minutes, order 1-82021-IN

### Chemistry Of Soap

*Laser Videodisc*

The chemical properties of soap explain how its basic cleaning agent – the surfactant – works. Live action and animated graphics examine the nature and uses of several types of surfactants, both natural and synthetic, and their effects on the environment.

Ages 15 to 18, Post Secondary - Introductory, Adult  
22 minutes, order 1-82721-IN

### Circulation Of The Blood/kidney Functions

*Laser Videodisc*

Examine the process that keeps you alive, from the functions of each part of the heart and the role of the nervous system, to how matter is exchanged into cells.

Discover how the network of blood vessels in a frogs kidney works to extract waste material, filter it through the blood vessels, then carry it away by the ureter to the bladder.

Adult, Ages 12-18, Ages 15 to 18  
30 minutes, order 1-82831-IN

### Civil War, The: The South Secedes And War Begins

*Laser Videodisc*

The American Civil War remains the deadliest war ever undertaken in the Western Hemisphere. Over 600,000 Americans died in the Civil War...more than died in World War I, World War II, Korea and Vietnam combined!

This program discusses the tension and deep seeded hostility which had been growing for a long time between the North and south. The separate cultures of these two regions led to different economic views which eventually led several states to secede from the union. The beginnings of the Civil War are discussed as well some of the early battles.

Ages 15 to 18  
19 minutes, order 1-86291-IN

### Civil War, The: Four Years Of War And It's Aftermath

*Laser Videodisc*

The American Civil War remains the deadliest war ever undertaken in the Western Hemisphere. Over 600,000 Americans died in the Civil War...more than died in World War I, World War II, Korea and Vietnam combined!

This program documents the Civil War from the events that led to the four years of strife to the thoughts held by the newly united nation after this bloody war. Genuine period photographs, recreations and artwork illustrate this journey through the military and political battles of the Civil War and its aftermath. Produced by Dan Dalton Productions and AIMS Media.

Ages 12-18  
21 minutes, order 1-86421-IN



## Learning Resources

### Clouds Of War (1916-1917)

*Laser Videodisc*

An isolationist America resists being drawn into the European war. The Panama Canal is finished; Samuel Gompers leads the A.F. of L.; women and blacks fight for voting rights. Wilson is narrowly re-elected, promising to keep the country out of war, the U.S. remains neutral but sets up the commission for Relief in Belgium; Congress passes a selective service act; America finally enters the war because of German sinking of U.S. merchant ships.

Ages 12-18, Adult  
24 minutes, order 1-97541-IN

### Cocaine And Human Physiology

*Laser Videodisc*

The damage done to the body by cocaine...whether snorted, injected, or smoked ...is well documented in this program. Testimonials and statistics reveal that the drug is highly addictive. Chemical dependency is established within weeks with smokable cocaine (crack or rock). The damage cocaine does to the nose, eyes, vocal chords, gums, kidneys, liver, and intestines is displayed and explained by a physician-narrator. The greatest harm, of course, is done to the brain, lungs and heart. The physical causes of cocaine-

induced death and the grave effects on the unborn babies of women who use cocaine are described.

NOTE: This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 15 to 18, Post Secondary - Introductory  
20 minutes, order 1-98991-IN

### The Colombian Way Of Life

*Laser Videodisc*

Young Mauricio and his friend Paula lead viewers on a tour of Bogota, Colombia, showing viewers that there's much more to this beautiful, modern South American city than coffee, cocaine, and guerilla violence.

From the opening scene in a Bogota shopping mall, Mauricio and Paula introduce viewers to people and places that offer a special insight into life in Colombia's capital. The film brings to light the rural urban migration that, in recent years, has drawn seventy percent of the population of Colombia to urban centres of two hundred thousand or more. The dramatic gap between rich and poor can be seen in a visit to a Bogota *tugurio*, or shantytown.

Mauricio invites viewers to visit his school and provides interesting information on the basic structure of Colombian education and his daily school activities.

Against the backdrop of Bogota's historic Plaza de Bolivar, Mauricio speaks of the founding of the city as well as the political struggles currently taking place. News footage of the 1985 burning of the Palace of Justice (under reconstruction during the filming) highlights the struggle against subversion.

The film shows Bogotano's having fun, and offers an interesting insight into the religious life of the city. A visit to a flower farm provides first hand information on the rapid growth of a non traditional export. The film provides an authentic and informative picture of contemporary life in a large Latin American city.

Ages 9 to 11, Ages 12-18, Adult  
24 minutes, order 1-84131-IN

### Colonial America 1760/taxation Without Representation

*Laser Videodisc*

*Colonial America In the 1760s (Side One)* By 1760, the colonists were happily established in a young, growing America. But in 1763, George Grenville, new Chancellor of the Exchequer, found that running Colonies cost more than was collected from them and raised taxes on their trade. The colonists did not intend to pay more taxes without representation...the seeds of a revolution had been planted.

*Taxation Without Representation (Side two)* The Sugar and Stamp Acts caused Colonial merchants to stop trading with Britain; Parliament repealed the Stamp Act. Charles Townshend formed the Townshend Acts and a Board of Custom Commissioners to collect taxes. The Massachusetts Assembly sent a letter of grievance to the Colonists. Parliament ordered it destroyed, but the Assembly refused. Britain sent troops.

Ages 9 to 11, Ages 12 to 14  
33 minutes, order 1-75021-IN



## Learning Resources

### Coming Of Age (1924-1928)

*Laser Videodisc*

The Roaring Twenties brings peace, prosperity, and prohibition. "silent Cal" Coolidge is President; bootleg liquor and automobiles fuel a youthful rebellion against America's "old Puritan code"; "flappers" outrage their elders with bobbed hair and short skirts; Rudy Vallee becomes the nation's most popular "crooner"; the first talking picture is *The Jazz Singer*. Commercial aviation and radio experience rapid growth; Richard E. Byrd flies over both the North and South poles, and Lindbergh solos across the Atlantic and is idolized by the nation. Footage includes Lon Chaney's "Phantom of the Opera," Al Capone in Federal Court, the New York Stock exchange's "Big Bull Market," and the *Ziegfeld Follies*.

Ages 12-18, Adult  
24 minutes, order 1-97591-IN

### The Darkest Hour (1939-1941)

*Laser Videodisc*

Hitler invades Poland. England and France declare war on Germany, and Britain withstands enormous punishment. FDR pledges to keep America out of the war, even though the first peacetime conscription drafts one million men. FDR is re-elected to an

unprecedented third term. Tojo allies Japan with Nazi Germany, and on December 7, 1941, attacks Pearl Harbour.

Adult, Ages 12-18  
25 minutes, order 1-98161-IN

### A Day In The Country: Impressionism And The French Landscape

*Laser Videodisc*

This program places the work of the great French Impressionists within the broader social, economic, and ideological context of late 19th Century France.

Kirk Douglas, who received an Academy Award nomination for his portrayal of Vincent Van Gogh in *Lust For Life*, takes viewers from the popular museum exhibition *A Day in the Country* to the magnificent French countryside. There, he offers a tour of the homes, gardens, ateliers, and landscapes that influenced and exhilarated the artists. In the process, he explores the history of the turbulent times in which the Impressionist movement grew.

Pissarro, Monet, Van Gogh, Cezanne, Sisley, Manet and Renoir are among the artists featured.

*Also available in Laser Videodisc.*

Ages 12-18, Adult  
55 minutes, order 1-81111-IN

### Decimal Series: The Childrens Encyclopedia Of Mathematics

*Laser Videodisc*

This series of programs of delightfully animated stories introduces decimals, and shows how to use them in addition, subtraction, multiplication and division. The programs achieve a wonderful balance between entertainment and instruction using word play, fable characters, and tall tales.

#### Decimal Names For The Rational Numbers

This program presents a fictionalized account of the development of our number system, explaining how and why decimals are often used instead of fractions.

8 minutes, code 1-8263

#### Dividing With Decimals

This animated story about a migrating bird shows how to divide decimals.

9 minutes, code 1-8365

#### Multiplying With Decimals

This is an animated program about a tile layer who teaches the multiplication of decimals.

8 minutes, code 1-8364

### Decimal Equivalents For Fractions

A young boy who was born in the country of  $n/s$  was given the name,  $3/5$ . When he decides to travel the world he discovers he must change his name to match the fraction names of the various countries he wishes to visit. He learns how to convert his fraction name to equivalent fractions and eventually into decimals.

13 minutes, code 1-8363

#### Rounding

Animated scenarios illustrate the need for rounding off uneven answers to mathematical problems. How to deal with the results of uneven division problems is especially emphasized.

11 minutes, code 1-8366

Ages 9 to 11  
50 minutes, order 1-75261-IN



## Learning Resources

### Decision Exercises: Dealing With Difficult Situations

*Laser Videodisc*

Presents a series of open-ended exercises which gives supervisors and managers the background they need to make crucial decisions on a wide range of employee problems. Extensive leader's guide written by Lester R Bittel.

Do supervisors and managers ever have to deal with employees who may be tearful? Or who don't listen? Employees who may be taking drugs? Or who aren't team players? You bet they do!

In addition to planning, setting goals, meeting objectives, increasing productivity, holding the line on costs, and being experts in their fields — supervisors and managers must make crucial decisions dealing with a wide range of sensitive employee situations.

This program of open-ended exercises gives supervisors and managers the practice they need to make effective decisions in response to problems with employees, taking into account legal issues, organizational policies and broader management concerns.

The September 1990 edition of *Human Resource Executive* magazine has selected *Decision Exercises: Dealing with Difficult Situations* as one of its "Top 20 Training Tools".

Adult, Post Secondary - Advanced, Professional  
25 minutes, order 1-81871-IN

### Defensive Driving Tactics (3rd Ed)

*Laser Videodisc*

Two professional drivers demonstrate the difference between defensive driving and aggressive driving as they participate in a safe driving test through city streets and on super-highways.

The program explains that defensive drivers leave their personal problems outside their cars. They're always aware of traffic conditions, vehicles, and pedestrians. Aggressive drivers are shown to be hurried, distracted, and over-confident. Their behaviour puts them and others at risk.

Ages 15 to 18, Adult  
16 minutes, order 1-99601-IN

### Designer Drugs & Human Physiology: Crack Cocaine

*Laser Videodisc*

Designer drugs are the most unpredictable, mind-altering, and physically debilitating substances sold on the street today. This program traces the destructive capabilities of "crack" and "speed" from physical damage to complete interruption of a person's normal lifestyle.

The myriad of ill-effects caused by these drugs including emphysema and cerebral hemorrhaging are weighed against the fleeting moments of enjoyment. Recovering addicts warn that the harm these substances wreak on the vital body organs is permanent.

Ages 15 to 18, Adult  
14 minutes, order 1-81081-IN

### Designer Drugs & Human Physiology: Pcp, Ecstasy

*Laser Videodisc*

PCP, Ecstasy, and Fentanyl are clinically described as concentrated synthetics illegally formulated in clandestine laboratories for enormous profit. The physiological effects of introducing toxic ingredients into the bloodstream are shown to be devastating to the body's cardiovascular and neurological systems. Where users and potential users are unaware of the tremendous personal dangers posed by these laboratory compounds, this program sets them straight.

Ages 15 to 18, Adult  
19 minutes, order 1-81131-IN

### Diffusion And Phase Changes Of Matter

*Laser Videodisc*

How diffusion works, the impact of heat and distance between molecules and the process of phase changes in solids, liquids and gases.

Post Secondary - Introductory, Adult, Ages 15 to 18  
11 minutes, order 1-82731-IN

### Dinosaurs-the Terrible Lizards/the Age Of Mammals

*Laser Videodisc*

#### Dinosaurs - The Terrible Lizards (Revised) - Program 1

A vivid view of what dinosaurs looked like, what they ate, and how they lived and died. Special effects with dimensional models moving in miniature sets bring the age of dinosaurs to realistic life. A map of dinosaur fossil finds, and animation, place the age of dinosaurs in relation to other reptiles, fish, amphibians, mammals, birds, and humans.

The program features a battle sequence between a Styracosaurus and a Tyrannosaurus Rex...as a volcano erupts in the background.

*The material is presented vividly and will go a long way toward exciting youngsters to learn more about these interesting reptiles.* Science Books & Films, American Association for the Advancement of Science

*...Ominous music, legible captions, and comparative overlays enhance the motion of these ever popular creatures.* Booklist, American Library Association

*This lively, animated film shows the evolution of dinosaurs, identifies major types, and describes their physical characteristics...An interesting film, useful for individual or group viewing.* School Library Journal



## Learning Resources

### **The Age of Mammals - Program 2**

Stop-action animation and live action take viewers on a fascinating tour of the Cenozoic era. Early mammals such as Diatryma, Baluchitherium, and sabre-toothed cats are shown living in vivid recreations of their environments. The appearance of humans in the program's final moments raises the question of our ability to adapt and survive without destroying all life on earth.

Ages 6-11, Ages 12-18  
20 minutes, order 1-75101-IN

### **Dropout Prevention: Being Your Personal Best**

*Laser Videodisc*

As a teen, Kelly was one of many who dropped out of school. Finding it difficult to make it in the world, she returned for her diploma. Now, she works to keep young people from making the same mistake she did.

In a class for students referred to her because they are in danger of dropping out, Kelly gives a formula for success she learned from a friend. Through discussions and dramatic flashbacks, Kelly lays out a convincing plan of action. She teaches young people how to change their self image from that of victim or quitter to one of winner. Even the most successful people have fears and insecurities, that's why it's so important to hear "you can do it" from a friend.

Kelly assures the students that they can dream of what they want and dare to make it happen because they were all born to be winners.

Ages 12-18, Adult, Professional  
20 minutes, order 1-82081-IN

### **Drugs, Alcohol, And Your Body**

*Laser Videodisc*

Responding to a short, fun quiz at the start of this program, a group of children make it clear they're interested in their own personal safety. With animation, live action, and lively give-and-take discussions between the children and their teacher, this program teaches why it's so important to say no to alcohol and other drugs. Animated body organs...the kidneys, liver, brain, stomach, and lungs...are key players in the program. They protest that they can't do their jobs when they are affected by drugs and alcohol. Each explains how they are impaired by the dangerous substances.

Ages 6-11  
14 minutes, order 1-99171-IN

### **Drugs, Drinking, And Driving (2nd Ed)**

*Laser Videodisc*

True stories from the files of the National Highway Traffic Safety Administration dramatize the real-life tragic consequences of mixing drugs or alcohol with driving. Through controlled-reaction tests and tests in a driving simulation, the program demonstrates the reasons

why mind-altering substances ...including prescription and over-the-counter drugs...impair perceptions, slow reactions, and erode judgement.

NOTE: This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 15 to 18, Adult  
15 minutes, order 1-97071-IN

### **Duii - The Price Is Too High**

*Laser Videodisc*

Dramatic vignettes make it clear that there are life-altering legal consequences of DUII...driving under the influence of intoxicants. The stories of three young first-time offenders are typical. None of them had an accident; they weren't driving recklessly for kicks. But they were intoxicated...and dangerous behind the wheel. After their arrests, each of the drivers faces painful consequences of their actions, including loss of driver's license, the need to retain an attorney, sentencing, payment of fines, attendance in an alcohol and drug awareness program in lieu of jail, cancelled auto insurance premiums, and in the case of at least one of the three, termination of employment.

Ages 15 to 18, Adult  
23 minutes, order 1-99161-IN

### **Ecosystems: Nature In Balance/ecology: Wanted Alive!**

*Laser Videodisc*

Examine the crucial interdependent relationships that create the food chain, including the producers, consumers and decomposers.

Learn why various species of endangered animals may become extinct as a result of destruction of their natural environment.

Ages 9 to 11, Adult, Ages 12-18  
minutes, order 1-75241-IN

### **End Of The Ordeal (1943-1945)**

*Laser Videodisc*

D-Day Invasion at Normandy is successful. At the Yalta Conference, FDR, Churchill, and Stalin agree on dividing the spoils of a war that appears to be ending. Germany surrenders after Hitler's suicide. Ike returns the hero of the American forces, but Europe is left devastated. President Truman approves dropping the atomic bomb on Hiroshima and Nagasaki.

Adult, Ages 12-18  
24 minutes, order 1-98181-IN



## Learning Resources

### Evolution / Strange And Unusual Animals: Adaptation Of Envir

Video Laserdisc

#### Evolution

A fascinating introduction to the theory of evolution.

Explores the forces that drive evolution, including mutations, human intervention, and natural disasters. Compares natural selection with artificial selection. *This title also available on CD-ROM and VHS*

*Strange and Unusual Animals*  
*This title also available on VHS*

Ages 12-18  
17 minutes, order 1-75191-IN

### Evolution (Natural Selection Of Plants And Animals)

Examine the fascinating process of evolution compared to the artificial selection process. Illustrates how living things get their characteristics, the role of mutation in evolution, and how some mutations prove to be an asset in subsequent generations.

Ages 9-14  
17 minutes, order 1-8558-IN

### Exercises In Communication Skills

Laser Videodisc

This program presents supervisors with important opportunities to analyze, develop, and improve their own approach to communication on the job.

Three supervisor employee interactions are dramatized in the program...each with two segments. The first segment demonstrates the kind of supervisor's response likely to create a larger problem. The second shows the type of response that will lead to a resolution of the problem, resulting in greater productivity.

Some of the issues covered in the skills exercises include maintaining control over a meeting, handling disruptive comments, minimizing resistance to change, communicating clearly under time pressures, and being precise when giving instructions.

After viewing each exercise, participants are asked to respond to several discussion trigger questions and are presented with Communication Check Instruments to test their comprehension. Many related issues are suggested in the extensive Trainer's Manual written by internationally recognized authority on management and supervision, and author of "Practical Management for Supervisors," Lester R Bittel.

Key Features

- \* Analyzes how to issue complex instructions and communicate clearly under time pressures.

- \* Demonstrates how to maintain control over a business meeting.

- \* Illustrates how to communicate a change in company procedures in order to minimize resistance.

- \* Shows how to deal with confrontations in the workplace.

- \* Suggests how to choose between giving an order and making a request.

Adult, Post Secondary - Advanced, Professional  
17 minutes, order 1-82891-IN

### Exercises In Leadership Skills

Laser Videodisc

Leadership is the quality of getting others to do willingly the things that must be done. Within the organizational setting, supervisors must learn to establish rapport with employees, to influence, and be persuasive.

This program builds confidence by presenting three exercises that give supervisors the opportunity to analyze and practice their leadership skills. Segment A of each exercise dramatizes a supervisor's failure to provide effective leadership, increasing employee dissatisfaction and conflict. Segment B shows approaches that result in problem solving, improved rapport, and greater productivity.

Leadership Check Instruments are provided

for each exercise to use as a written test for individual participants or for group discussion. Key issues are further elaborated in the comprehensive Trainer's Manual by Lester R Bittel, and internationally recognized authority on management and supervisory issues and author of "Practical Management for Supervisors".

*Excellent. A good training tool for supervisors as well as line staff.* Robert C White, Director of Activity Therapy, South Carolina State Hospital, Columbia.

Key Features

- \* Examines the proper handling of employee complaints.

- \* Discusses the importance of being willing to represent employee interests "up the line."

- \* Illustrates supportive ways to conduct a performance appraisal.

- \* Explores when to insist an adherence to established procedures and when to allow employees to use their own initiative.

- \* Examines the fragile balance between the need for productivity and concern for employees' personal problems.

- \* Gives supervisors the opportunity to practice dealing with complex situations that require immediate action.

Adult, Post Secondary - Advanced, Professional  
17 minutes, order 1-82901-IN



### Learning Resources

#### Exploring Our Solar System

Laser Videodisc

Outstanding special effects and actual footage from space probes take the viewer on an exploration of every planet detailing features and orbits. Includes data on asteroids, comets and meteors, and theories on origin of our system.

Ages 9 to 11, Ages 12-18  
15 minutes, order 1-80601-IN

#### Fall Of Freddie The Leaf

Laser Videodisc

Leo Buscaglia's children's book, *The Fall Of Freddie The Leaf*, is well known to anyone working with children or with children's books. The text of the book, which is narrated on the video by John Goff, is a sensible and gentle treatment of the life-death cycle presented in terms of the life and death of a sweetgum leaf, Freddie. In both the book and the video, death is presented not as an end but as part of a continuum.

The program introduces Freddie in the Spring of his year. He is among friends, the other leaves, but one is especially important: Daniel, the oldest and wisest of the leaves. As Freddie matures, he enjoys all aspects of life: the sun, the moon, the breezes, the rain, and the people. As he experiences the passing of the seasons, Spring into Summer, Summer into Fall, and Fall into Winter, Freddie questions his friend Daniel about his existence, his purpose and his destination. He is

especially fearful of his approaching fall; but he is reassured by Daniel, who answers all his questions sensibly and straightforwardly.

Finally winter approaches and, one by one, his friends fall gracefully from the tree. Freddie, the last leaf, eventually drops to the ground to become part of all nature in the approach of Spring. Buscaglia's positive philosophy of love, the theme of his adult books, is basic to his presentation of the life-death cycle and to Daniel's answers to Freddie's questions.

Available with a Spanish sound track.

All Ages  
16 minutes, order 1-98261-IN

#### Fetal Development: A Nine-month Journey

Laser Videodisc

A special inside view of the in-utero process throughout the nine months of pregnancy.

From initial cell division to birth, a fiberoptic camera takes you through each stage of embryonic growth.

Ages 12-18, Post Secondary - Introductory  
15 minutes, order 1-81371-IN

#### Fighting For Freedom/a Nation In Crisis

Laser Videodisc

FIGHTING FOR FREEDOM (side one) Washington and his army, unable to defend New York, retreated to Pennsylvania to spend a bitterly cold winter. When Washington crossed the Delaware in 1776, and captured

Trenton, Americans were given new confidence. The British then advanced into the South while Washington was fighting Cornwallis in Yorktown. Washington sent Nathaniel Greene to separate the British forces. The war was as good as won.

A NATION IN CRISIS (side two) During the Revolution, the Second Continental Congress was trying to establish a central government. The state legislatures approved the Articles of Confederation, but then refused to give Congress its power. Shay's Rebellion made the people realize they had nothing. A Constitutional Convention was proposed to create a true constitution providing for a federal government to unite the new nation.

Ages 9 to 11, Ages 12 to 14  
34 minutes, order 1-75041-IN

#### Fire: Why Does It Burn?

Laser Videodisc

Fire has always been a source of curiosity and fascination. This informative program for young viewers explains how humans first came to use fire and how they learned to control it. Live action and animation segments illustrate the techniques that Native Americans and early American pioneers used to start fires before the invention of matches.

The program explains the three elements necessary to make fire — fuel, oxygen and heat — using everyday items to illustrate each element. The concept of a "fire triangle" is

demonstrated: unless each of the three elements is present, there can be no fire. Employing the fire triangle again, the program shows how a fire can be put out by removing one of the elements.

An illustration of the many ways fire is used in homes today leads to a discussion on fire safety.

Ages 6-11  
12 minutes, order 1-97201-IN

#### A First Look At Birds/all About Birds

Laser Videodisc

Meet a variety of different bird species in their natural habitats.

Get to know the different species better to determine their unique characteristics, features, movement and survival methods.

Each title is also available separately on CD-ROM and VHS

Ages 6-11  
10 minutes, order 1-75271-IN

#### A First Look At Horses

Laser Videodisc

A concise overview of the horse: its history, its remarkable qualities, and how it lives. Includes beautiful footage of horses galloping, playing, and nurturing their young.

Once hunted for food, horses changed the world forever when people learned to tame and ride them - and enjoy their company.

Also available in video cassette format (order 1-87561).

Ages 9-14  
14 minutes, order 1-87561-IN



## Learning Resources

### A First Look At Mammals/all About Mammals

*Laser Videodisc*

Identify common mammals including their features, characteristics, care of their young and methods of survival.

Pinpoint the characteristics, movement, shelters and offspring of both familiar and exotic mammals.

Ages 6-11  
10 minutes, order 1-75211-IN

### Follow My Leader

*Laser Videodisc*

Jimmy's life is changed forever during the course of a neighbourhood baseball game when his friend Mike lights a firecracker and tosses it away. The explosion costs Jimmy his eyesight. At first, Jimmy's spirit is crushed and he nurtures a hatred for Mike. But eventually he realizes how much unhappiness he's causing his family, and he accepts professional help to learn to cope with his sightlessness.

...an extraordinarily sensitive piece of work...The story is well-developed, making the film suitable for English or guidance classes...leaves no viewer unaffected.

School Library Journal

Ages 9 to 11, Ages 12-18, Adult  
29 minutes, order 1-99941-IN

### The Fragile Balance (1955-1961)

*Laser Videodisc*

America's early warning systems and SAC bombers are rendered obsolete by Russia's ICBMs; The U S responds with missile-carrying nuclear subs. The U S tests effects of radiation on troops and equipment by exploding hundreds of nuclear bombs; families build fall-out shelters; students learn bomb survival skills. Hungarians revolt against Soviet rule. In 1957, Russia puts Sputnik into orbit. A U S spy plane is shot down over Russia. Kennedy defeats Nixon for President in 1960.

Ages 12-18, Adult  
24 minutes, order 1-98221-IN

### Franklin D Roosevelt's Hyde Park

*Laser Videodisc*

FR's home had been his father's house before him...a solidly impressive house near the Hudson River. Here today are reminders of his childhood, early career, his struggle back to active life after a crippling attack of polio, and his years as President. E.G. Marshall visits Hyde Park and recalls the life of the man who is buried there.

Born into a wealthy, aristocratic family, educated at good schools, active in sports, and already a Vice-Presidential candidate, Franklin Roosevelt led a charmed life until he was stricken with polio. Struggling back from paralysis, Roosevelt

went on to lead the country through two of the most traumatic periods in American history: the Great Depression and World War II.

Both his public and private lives are reflected in this tour of the impressive family rooms of Roosevelt's Hyde Park home and the Presidential library and museum. Newsreel footage and excerpts from his speeches complete the portrait of Roosevelt.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-42861-IN

### Frogs And How They Live (Revised)

*Laser Videodisc*

Trace the life cycle of the frog, how they see, hear, taste and smell.

Identify the special physical characteristics that help them survive.

*Also available in VHS and CD-ROM*

Ages 9 to 11, Ages 12 to 14  
14 minutes, order 1-99841-IN

### German Way Of Life

*Laser Videodisc*

Since World War II, West Germany has worked with its new allies to create a thriving economy of international importance. The social and environmental factors that contributed to this success are explored, as are the current political climate and feelings about living in a nation divided since 1945.

Host Hubert Smith shows the many ways the lives of the German people have been influenced by their country's history and geography. He makes a strong connection between the country's land forms, the invasions by neighbouring peoples, and the eventual rise in nationalism. In interviews, Germans reflect on the involvement of previous generations in two terrible world wars.

Ages 9 to 11, Ages 12-18, Adult  
25 minutes, order 1-81261-IN





## Learning Resources

### Good Thing About Spots

Laser Videodisc

Sabu lives on the African savanna with lions, elephants, cheetahs, gazelles, and Cape Buffalo. But Sabu is unhappy. He doesn't like his spots and hides in his tree so that no one will see him. But when poachers appear, Sabu learns the value of his spots. His coat allows him to be nearly invisible in the dappled shade of the trees and tall grass.

When all looks safe, Sabu and his mother come out of hiding - only to be caught by waiting humans. But these are rangers from the World Wildlife Fund who take Sabu and his mother to live in a national park where they are free from danger. And Sabu - happy with his new found confidence and his new home - has learned an important lesson: "Be proud that you're different, and let it show."

The story is followed by a lesson that recaps the adventure using subtitles and high-lighting key words. The lessons will develop vocabularies and reinforce recognition of many commonly encountered basic sight words.

Ages 6-11  
14 minutes, order 1-99951-IN

### Grasshoppers And How They Live

Laser Videodisc

The brief life cycle of grasshoppers is examined in this program. The insects are studied both in a field and in a homemade terrarium. Spectacular close-up photography clearly documents the various phases of grasshopper development.

Grasshoppers are observed in the three stages of development they experience: egg, nymph, and adult. The insects sing by rubbing their back legs against their forewings. Their distinct, individual songs often aid in their identification. Produced by VATV Productions.

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-83941-IN

### Great Campaign, The (1917-1918)

Laser Videodisc

America sets about Amaking the world safe for democracy. The government mounts a propaganda campaign to convince the people that the war is necessary and just; stars like Chaplin, Fairbanks, and Pickford help mobilize the nation; women join the workforce and blacks achieve recognition by distinguishing themselves in combat; assembly line methods are used to produce war goods; the battle of Chateau-Thierry is the first major American victory.

Ages 12-18, Adult  
25 minutes, order 1-97551-IN

### The Hazards Of Substance Abuse

Laser Videodisc

A series of vignettes dramatize the consequences of substance abuse, illustrating how the lives of both accident victims and their fellow employees can be affected. The program shows how alcohol impairs motor coordination and perception; why marijuana, which affects user's sense of time and space, can be so risky in the workplace; and how the feelings of exaggerated energy and confidence generated by cocaine are a dangerous illusion. It also explains that over-the-counter and prescription medicines can also cause problems. Codeine, tranquilizers, and antihistamines dull critical perceptions and slow down reaction time. The film explains how their misuse on the job can be hazardous.

*"I've had an excellent response from this video. I use it with our EAP programs. The thing I like best is its honesty - it doesn't try to overdramatize or overwhelm you with statistics. It deals with all aspects of substance awareness on the job, from cold remedies to illegal drugs. It fits right into the workplace, it's appropriate for everyone from those on the line to supervisors and managers. And it can be used very well with trade schools to teach substance abuse awareness to students about to enter the*

*work force. An excellent film."*  
Bill Kernahan, Community Consultant, Addiction Research Foundation, St Catharines, ON  
Adult, Professional  
16 minutes, order 1-82861-IN

### Health: Food And Nutrition (2nd Edition)

Laser Videodisc

With original songs and entertaining characters this program teaches the need for food...for energy and growth...as well as the need for the "right amount" of food from a wide variety of choices. It defines "nutrition," "nutrient," and "junk food" and identifies the four food groups. The program uses examples of both unhealthful and healthful food choices for daily meals, emphasizing the benefits of wise choices.

Combines entertaining characters with original music to teach good nutrition habits. Shows which foods are nutritious, and why we should drink lots of water. Discusses why you should taste your food before adding salt, and lists good and not so good snacks.

The benefits of a well-rounded diet, and the dangers of eating too much fat, salt and sugar are pointed out. A mime, a cheering section and a juggler help to illustrate healthful and unhealthful food choices, enabling youngsters to make informed choices about their eating habits.

Ages 6-11  
13 minutes, order 1-99641-IN



## Learning Resources

### Heat: Molecules In Motion (2nd Edition)

Laser Videodisc

Meet a typical family to see how heat is used and the relationship between heat and matter.

Available in CD-ROM, VHS or Laser Videodisc

Ages 9 to 11, Ages 12 to 14  
17 minutes, order 1-98111-IN

### Heimlich Maneuver: How To Save A Choking/ Drowning Victim

Laser Videodisc

Program 1 - Side 1 *The Heimlich Maneuver: How To Save A Choking Victim (2nd Edition)* This program features Dr Henry Heimlich himself and teaches how and when to use the maneuver, now the only recommended treatment for choking victims. The program shows that children as young as five can learn to use the basic lifesaving technique.

Program 2 - Side 2 *The Heimlich Maneuver: How To Save A Drowning Victim*

Most near-drowning victims have substantial amounts of water in the lungs. Mouth-to-mouth resuscitation is ineffective when the airway is blocked. In this situation, the American Red Cross recommends use of the Heimlich maneuver.

Ages 9 to 11, Ages 12-18, Adult  
34 minutes, order 1-75141-IN

### Helen Keller: Voice And Vision In The Soul

Laser Videodisc

Helen Keller remains one of the most remarkable people of the 20th Century. With the help of her teacher and life-long companion, Annie Sullivan, Keller triumphed over deafness and blindness. Vintage film footage documents the lives of Keller and Sullivan as they dined with kings and presidents, appeared in vaudeville, made a motion picture and lectured around the world.

This tour of Ivy Green, the plantation in Tusculum, Alabama, where Keller was raised, celebrates the accomplishments of an inspiring woman who dedicated her life and love to helping those who were, in her words, "less fortunate than myself."

Ages 9 to 11, Adult, Ages 12-18  
24 minutes, order 1-98911-IN

### Heroin And Human Physiology

Laser Videodisc

A physician-narrator describes the devastating effects of heroin on the body. These include infections and chronic abscesses, inflammation of the lymph glands, swelling of the hands, and tetanus. The program graphically illustrates how the drug inflicts its greatest damage on the brain, lungs, and heart.

The effect of heroin on a pregnant woman's unborn child is also discussed.

NOTE: This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 15 to 18, Post Secondary - Introductory  
22 minutes, order 1-99611-IN

### Highway Driving Tactics (3rd Ed)

Laser Videodisc

This film gives practical, easy-to-remember and easy-to-use rules that help make highway driving safe. On-the-road demonstrations provide a number of "survival skills" for driver. In addition to demonstrating and explaining these important rules, the program shows what to do in the event you must pull over while driving on a limited-access highway.

...there's no denying the value of the lessons conveyed in this beneficial addition to drivers' education training. BOOKLIST, AMERICAN LIBRARY ASSOCIATION

Ages 15 to 18, Adult  
18 minutes, order 1-98601-IN

### How Animals Survive (Animal Life Series)

Laser Videodisc

Discover the many physical and behavioral adaptations that animals have evolved to survive including their senses, camouflage, mimicry, migration, hibernation, reproduction, communication, and much more.

Available in VHS, CD-ROM and Laser Videodisc

Ages 9 to 11, Ages 12 to 14  
15 minutes, order 1-82061-IN

### How We Classify Animals

Laser Videodisc

Review the classification method to order animals according to their similarities, and identify the classes within each and their characteristics.

Also available in VHS

Ages 9 to 11, Ages 12 to 14  
14 minutes, order 1-82051-IN

### Human Digestive System

Laser Videodisc

Examine the process from the moment food passes down the esophagus to the stomach, and the processing of undigested residue.

Also available in CD-ROM and VHS formats

Adult, Ages 12-18, Ages 15 to 18  
18 minutes, order 1-82821-IN



# Laser Video Disc Products

C A N A D I A N L E A R N I N G C O M P A N Y

## Learning Resources

### I'll Fix Anthony

*Laser Videodisc*

Anthony, who is Nicholas's older brother, can read books, but he won't read his toys. When playing games with his friends, he kicks Nicholas out of the room. Although he's happy to borrow Nicholas's Snoopy sweatshirt, he won't lend Nicholas his toys. Mother says deep deep down in his heart Anthony loves Nicholas. Anthony says deep deep down in his heart he thinks Nicholas stinks!

So Nicholas contemplates and savours the day he'll take his revenge, when he is six. For Nicholas, life is sweet as he imagines Anthony with the German measles; Anthony with the mumps; Anthony with a cold while he and his grandfather go to the movies. Too bad for Anthony. But for now, Nicholas must run because Anthony is going is going to clobber him. A Bernard Willets film.

Early Years, Ages 6-11  
22 minutes, order 1-82041-IN

### Insects

*Laser Videodisc*

Discover everything that distinguishes insects from the rest of the animal kingdom.

Includes footage of the metamorphosis of a caterpillar to a butterfly. Macrophotography, artwork, and song heighten interest. Key vocabulary words are highlighted.

Early Years, Ages 6 to 8, Ages 9 to 11  
minutes, order 1-98041-IN

### Insects: Reproduction And Metamorphosis

*Laser Videodisc*

The metamorphosis of insects is truly one of nature's most amazing phenomena. This beautifully photographed program documents the life stages of various insects, from reproduction to adult, and shows how the insects adapt at each interval. The reproduction and metamorphosis of the large diving beetle, swallowtail butterfly, fruitfly, locust and dragonfly are vividly shown. Also explored are the changing food requirements and common habitats of each insect. Available in Level 1 or HyperStax-Level 3

Ages 12-18  
20 minutes, order 1-83931-IN

### It's Chemical: Density In Gases/Liquids

*Laser Videodisc*

Enjoy a fun-filled day with Joan and her aunt to learn the impact of the density of gases.

Addresses common questions to understand the principles of density in liquids.

Ages 9 to 11, Ages 12 to 14  
54 minutes, order 1-75051-IN

### It's Chemical: Density In Solids/phase Changes

*Laser Videodisc*

Investigate the differences among solids, what alters density, why similar materials can have different masses, buoyancy, and more. See various chemical phase changes in the kitchen.

*Both titles also available separately in CD-ROM and VHS*

Ages 12 to 14, Ages 9 to 11  
54 minutes, order 1-75061-IN

### The Japanese Way Of Life

*Laser Videodisc*

Japan's unique style of doing business, its success in manufacturing and trade, its social customs and practices, and the relationship between Japan and the United States are revealed in this up-to-date look at the densely populated country. Peter Jennings outlines Japan's remarkable post-war economic recovery. Today, Japan has the highest rate of economic growth in the industrialized nations.

Examines the success of Nintendo, the video game company. Workers at a Minolta plant describe the Japanese work ethic and talk about their feelings of loyalty toward their company. The program explains that traditional Japanese values are important in business and shows Japanese businessmen participating in a tea ceremony.

Includes a portrait of a typical Japanese family and examines the role of women in Japanese society. Interview of female owner of an advertising agency who describes the many obstacles Japanese women face in business.

Ages 12-18, Adult  
25 minutes, order 1-81611-IN



## Learning Resources

### Jfk: The Age Of The Kennedy Presidency

Laser Videodisc

John F. Kennedy was the youngest man ever to be elected President of the U.S. and the youngest ever to die in office.

This program begins with the 1960 Presidential Campaign. Although the campaign was a hard-fought race, Kennedy emerged victorious and was inaugurated President on January 20, 1961. Featuring actual footage, quotes and commentary, the program analyzes the impending political challenges that faced our 35th President and highlights the historic accomplishments attained during his short term in office.

Ages 12-18, Adult  
26 minutes, order 1-84670-IN

### Journey To Freedom: The Immigrant Experience

Laser Videodisc

Through newsreel footage, vintage photos, and artwork, the history of American immigration over the past century is told.

Brief recollections of former immigrants tell of hardships. The tendency of new arrivals to try to recreate the familiar look of their homelands is shown.

This program develops understanding and instills pride in the American melting pot. By Fern Galperin.

*The point is made that, except for Native Americans, ours is a nation of immigrants, and each new group, as it arrived, was subject to discrimination. The suffering and humiliation connected with being an immigrant are presented in a straightforward manner...the film, including the old newsreels, is of high quality...*  
Library Journal

*This documentary on immigration to America is a good, short introduction to the new immigration since 1965 that is having a great impact on American Society.*  
Choice, Association of college and Research Libraries, ALA

*The history on immigration is even-handedly relayed in this satisfying production...and appreciative look at a group of hearty pioneers who shaped America's future.*  
Booklist, American Library Association

Ages 12-18, Adult  
13 minutes, order 1-99011-IN

### A Jungle For Joey

Laser Videodisc

Life in his Southeast Asian Jungle home seems heavenly for Joey, a carefree orangutan. He can spend each day swinging on vines with his friends and eating as much as he pleases.

a frog, gifted with visions of the future, predicts "All of this will be gone one day." Joey dismisses the gloomy forecast - until the day he meets his first humans. They're cutting down his forest with chain saws. He sees his world

completely disappear when the remaining vegetation is set afire to clear land for "ranches and farms."

Separated from his family, Joey wanders lost and afraid through the desolation. Finally, friendly humans feed him and take him to an untouched jungle like the one that was destroyed. Eventually reunited with his family and friends, Joey realizes he shouldn't take his life or his home for granted.

In the context of an engaging animal story, children are provided with an image of the harm being done to the environment by the worldwide destruction of tropical rain forests.

Told in verse, this live-action nature story combines stunning nature photography with warm-hearted and entertaining lessons in values. The story is followed by an instructional lesson that recaps the adventure using subtitles, and highlights key words. Interesting features of the words are pointed out such as sound-alike words, look-alike words, and examples of the words used in other sentences. The lesson will develop youngsters' vocabularies and reinforce recognition of many commonly encountered basic sight words from Sakiey-Fry-May Essential Reading Vocabulary List.

Ages 6-11  
14 minutes, order 1-99971-IN

### Learning About Ecology

Laser Videodisc

Introduces the key elements of ecology.

Illustrates, with beautiful footage, the relationship between animals and their environment. Stresses the interrelationship of all elements in an ecosystem and the balances necessary to maintain and continue life.

Students learn that they too are part of an ecosystem, with specific responsibilities for its improvement and protection.

Also available in VHS and CD-ROM formats

Ages 9 to 11  
13 minutes, order 1-87861-IN

### Learning About Electricity

Laser Videodisc

Youngsters will associate electricity with some of their favourite things in this overview of the ways we use electrical power at work and play. Live-action demonstrations and experiments performed by kids, animated diagrams, and examples from everyday life illustrate the nature of electricity.

Also available in CD-ROM and VHS formats

Ages 6-11  
16 minutes, order 1-98241-IN



## Learning Resources

### Learning About Science: Flowers

**G**rade 3 - Growth and Changes in Plants; Basic concepts; Identify the major parts of a plant; classify plants according to visible characteristics; describe changes that plants undergo in a complete life cycle.

We all enjoy smelling and looking at flowers, but not everybody recognizes that trees, grasses and even weeds have flowers.

Students will learn how a variety of plants, including broccoli, snapdragons, blackberries, apple trees, corn and many others, grow flowers to reproduce.

Vivid close-up photography shows the male and female parts on a variety of flowers with a good explanation of how pollination and fertilization occur.

Available in CD-ROM and VHS format

Ages 9 to 11  
15 minutes, order 1-8598-IN

### Learning About Science Series

Laser Videodisc

**B**asic principles of physical science, hands-on, insightful experiments and demonstrations.

Program 1 - Side 1: *Learning About Air* Review its physical and chemical properties and their characteristics.

Program 2 - Side 1: *Learning About Light* properties of light are shown using a magnifying glass and a prism; how the eye works; how light is reflected and refracted.

Program 3 - Side 1: *Learning About Sound* How sound is produced, how it travels and is transmitted through solids, liquids, and air.

Program 4 - Side 2: *Learning About Liquids, Solids, And Gases* Join a group of children and adults on a winter outing in the woods to learn the basic properties of liquids, solids and gases and their relationship to matter.

Program 5 - Side 2: *Learning About Water* Explore the place and uses of water on earth including condensation, evaporation, stored moving energy, the water cycle, erosion and flooding.

Ages 6-11  
51 minutes, order 1-75071-IN

### Learning To Be Assertive: The Basic Skills

Laser Videodisc

*"The realistically portrayed situations will hit home with adolescents...the hypothetical situations are drawn from life to ensure the relevance of this beneficial program to young adults' everyday needs."* Booklist, American Library Association

*"Learning to be Assertive has received a very positive response both from the kids and from counsellors. It's a practical program, showing real skills that can be learned in everyday situations and it shows them being done by kids, unlike other programs I've seen. This is an excellent assertive skills development program."* Roberta Rogers, Area Supervisor, AADAC, Brooks Alberta.

*Though it seems pretentious to cast two young teens in roles of all-knowing counsellor/hosts, the series of vignettes this twosome introduces and the speakers' commentaries on the realistically portrayed situations will hit home with adolescents who will be more receptive to advice from their peers than from adults.*

*After typical teen conflicts with parents, friends or siblings are dramatized, the hosts analyze the mishandled predicaments and describe more satisfying resolutions before the repertory actors re-create the scenes demonstrating assertiveness techniques.*

*The situations mount in dramatic intensity from frivolous skirmishes to potentially life-altering decisions about drugs and sexual intimacy as viewers learn self-control methods for deflating antagonists, resisting peer pressure and manipulation, and coping maturely with their mistakes.*

*The actors are quite polished for their young ages, the sets are simple and realistic, and the hypothetical situations are drawn from life to ensure the relevance of this beneficial program to young adults' everyday needs.*

*Specific scenarios are constructed to help students learn assertive coping skills to use in situations where they previously may have felt helpless to respond effectively. Each representative problem is first shown as a negative, no win encounter as the young person reacts to a confrontation with a peer, parent, or sibling. The outcome is then revised as the actors demonstrate the appropriate coping skills (i.e., broken record, fogging, negative assertion, compromise, negative inquiry and positive inquiry). The believable enactments will hit a responsive chord in viewers as they begin to realize that they do not need to be victimized, but can respond in an assertive manner which will help them accomplish their purpose. This is a positive film which provides solid reinforcement to the concept of saying no.* Marion E. Karpisek, Booklist.

This two part video based on the book "Yes I Can Say No" by Manuel J Smith, PhD, teaches skills to help young people accept responsibility for their actions and take some control of their lives.

Ages 12 to 14  
27 minutes, order 1-99411-IN



## Learning Resources

### Learning To Be Assertive: Advanced Skills

Laser Videodisc

In five potentially precipitate situations with adults, teenagers remain calm and in control by using the verbal skills of fogging, broken record, negative assertion and positive inquiry. Each of these skills is designed to defuse an adult or peer, and allows the negotiation of a compromise which confers some gain for both parties. In one instance, a mother caught searching her son's room for drugs obtains a promise of more frequent communication in exchange for granting a greater privacy to her son. Each scenario, played through twice, demonstrates both negative and positive outcomes. As the skills are exemplified by the actors, they are also identified with captions at the bottom of the screen. Credible enactments appealing to teenagers, these examples should convince young people that it is possible and rational to say no, even to adults, in certain situations. Viewing should be complemented by both discussion and role-play practice to reinforce the message. Nancy Curran, School Library Journal

This two part video based on the book "Yes I Can Say No" by Manuel J Smith, PhD, teaches skills to help young people accept responsibility for their lives.

Advanced Skills shows young people how to turn difficult situations with family members, teachers and friends into positive experiences. Through dramatizations, teenagers are

shown how to cope with situations such as defending their right to privacy or refusing to drive with someone who has been drinking. They are also shown how to handle people who try to manipulate them through embarrassment or flattery. Teens learn to negotiate workable compromises so that differences of opinion do not have to lead to arguments.

Learning To Be Assertive can be helpful to people working with intermediate and senior high school students.

Questions to be asked before and after showing the film are included. Addiction and Recovery Magazine

Ages 12-18  
21 minutes, order 1-99561-IN

### Life In A Small Midwestern Town

Laser Videodisc

A woman recalls her childhood in a typical midwestern small town in the period before World War I. It was a comfortable time. But new clothes, new customs, and new inventions were also expanding the horizons of the family and community. Electric lights were becoming common. People had automobiles and bicycles. the phonograph had succeeded the music box and moving pictures had arrived.

School was held in one room for all ages. Ice and milk were delivered to the house, but nearly everything else was bought at the general store, which doubled as a post office.

Ages 9 to 11, Adult, Ages 12-18  
18 minutes, order 1-40571-IN

### Life In A Gold-mining Camp 1850

Laser Videodisc

Old songs, views of ghost towns and abandoned mines, and dramatized scenes in a mining camp recreate the great romantic adventure of the California Gold Rush.

The discovery of gold sent hundreds of thousands to California. Few found gold and those who did worked hard for it - panning in icy streams, sifting through tons of dirt and gravel, or digging deep shafts.

Boom towns sprang up overnight to serve the miners, providing food, drink, and entertainment. Gold dust was used as currency. Most of the miners stayed poor. As the gold ran out, some miners went home, others helped settle the West. Big companies with equipment for deep shaft mining moved in. The boom towns were deserted. The great adventure was over.

Ages 9 to 11, Ages 12-18, Adult  
18 minutes, order 1-40901-IN

### Life In A California Mission 1790

Laser Videodisc

The lives of the Spanish missionaries and Native Americans in late 18th Century California are shown through scenes photographed in an actual mission - established in 1763 by Franciscan friars from Mexico.

Indian men of the area were brought inside the mission walls and taught to raise livestock and farm rather than hunt. Indian women worked in large kitchens to feed the mission community. The mission also produced pottery, cloth, and adobe bricks.

The friars lived simply, with few possessions. A barracks provided quarters for the soldiers stationed at the mission, and there was a richly decorated church. When Mexico won independence from Spain, the power of the missions ended.

Ages 9 to 11, Ages 12-18, Adult  
14 minutes, order 1-41161-IN



## Learning Resources

### Life In America 1800

*Laser Videodisc*

In a reconstructed early American village, this program portrays the daily life of a rural New England family in the early 19th Century. Using actual furniture, utensils, tools, schoolbooks, and games from the period, the routines, structure, and economics of a typical farm family are explored.

the importance of the fireplace to the rural family is examined - for light, heat, cooking, heating a flatiron, and as the central gathering point for all family work and recreation. Other household activities shown include churning butter, drawing well water, baking bread, making soap, and entertaining guests.

In the village, the general store, the blacksmith shop, and the local schoolhouse are visited.

Ages 9 to 11, Ages 12-18, Adult  
16 minutes, order 1-41461-IN

### Life In An Eastern Seaport Town 1870

*Laser Videodisc*

Joshua is only ten and longs for the day when he can ship out aboard a whaleship. This program recreates the life of Joshua's family on the day before his father, and his brother Andrew, are due to ship out on a whale hunt that will keep them away from home for up to five years.

The captain and Andrew go around town, attending to last minute errands and farewells. Joshua's imagination, triggered by a model ship, leads into a sequence exploring the maritime history of the 19th Century. The trying lives of the sailors' wives are seen as they prepare for an elaborate farewell dinner. The fashioning of the harpoon by a shipsmith, women weaving on a loom, and a visit to the ship carver's shop highlight the craftsmanship of the day.

Ages 12-18, Ages 9 to 11, Adult  
17 minutes, order 1-40731-IN

### Life In The Woodlands Before The White Man Came

*Laser Videodisc*

Contemporary native Americans show how their ancestors lived before the coming of the white man. The Woodlands Indians of the eastern and Great Lakes region of the country lived primarily by hunting.

In the fall, families left their villages and traveled in search of deer. The deer hunt began with an appeal to the spirits. It required great skill and patience for a man to get close enough to kill a deer. After tracking the dying deer, the hunters gave thanks to the spirits, the cut up the carcass. Women set to work skinning the deer, tanning the hide, and cooking and preserving the meat.

Children learned by watching and working with their parents.

With food and warm clothes for the months ahead, the families relaxed in their huts, told stories, and played games.

Ages 9 to 11, Ages 12-18, Adult  
12 minutes, order 1-40431-IN

### The Life Of A Red Blood Cell (Revised)

*Laser Videodisc*

Witness the creation of a new red blood cell and travel with it as it joins others in a vein, makes its passage through the heart and lungs, through an artery and finally meets white blood cells.

Ages 6-11, Ages 12 to 14  
10 minutes, order 1-80171-IN

### Lifetimes Of Change: Development & Growth

*Laser Videodisc*

See three examples of how every living thing changes externally, internally, and in behavior as years go by.

Ages 12-18, Ages 9 to 11, Adult  
18 minutes, order 1-80121-IN

### Lilith Summer

*Laser Videodisc*

Lured by the opportunity to earn enough money to buy a ten-speed, Ellen, age eleven, agrees reluctantly to be a companion and helper to seventy-seven year old Lilith. To be able to afford new porch screens, Lilith agrees to "sit" Ellen.

Their tolerance of each other is given a severe test when they discover they are part of a plot by Ellen's mother and Lilith's daughter to solve two "companion" problems with one stroke. Ellen and Lilith overcome their initial resentments and develop a sincere affection for one another. Ellen learns from Lilith about honesty, generosity, and about breaking step occasionally, and Lilith feels truly needed. A Bernard Wilet's Film.

"Viewers can almost smell the musty aromas of Lilith's well-worn house and can sense the day's prickly, intense heat...A beautiful friendship warmly glimpsed." Booklist, American Library Association

Ages 9 to 11, Ages 12-18, Adult  
28 minutes, order 1-97791-IN

### Living Cells

*Laser Videodisc*

Examine the activity of various types of living cells including red, white and cultured, plus the movements in multicellular organisms.

Also available in CD-ROM and VHS formats

Ages 15 to 18, Ages 12-18, Adult  
14 minutes, order 1-80231-IN



### Learning Resources

#### The Living Constitution

*Laser Videodisc*

Philadelphia was the scene of the 1787 Constitutional Convention. The delegates disagreed on many details, but agreed that the federal government must be strengthened. They also realized that there had to be safeguards against the abuse of this great power. As the weeks went by, a solution from James Madison won support. It called for three branches of government and a system of checks and balances. The "Great Compromise" was hammered out between the large and small states.

After months of debate, the Constitution was signed by the delegates. The states held special conventions to approve it, and eventually all of them did - but only with the understanding that a Bill of Rights would be added. Washington became President in 1789. The Bill of Rights became the first ten amendments to the Constitution in 1791. The birth of the nation was complete.

*Note:* this is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-18071-IN

#### The Living Reef

*Laser Videodisc*

Visit the spectacular, world famous Great Barrier Reef in Australia to experience its wondrous structures, marine life and habitat.

Ages 9 to 11, Ages 12-18, Adult  
22 minutes, order 1-80251-IN

#### Living Trees/the Living Soil

*Laser Videodisc*

Examine the various structures, functions and uses of trees along with their processes of growth, photosynthesis and transpiration.

Confront the forces that create soil, how it is enriched and converted, and its many uses in nature.

*Also available individually in CD-ROM and VHS formats*

Ages 9 to 11, Ages 12-18  
25 minutes, order 1-75081-IN

#### Making The Right Decision

*Laser Videodisc*

A group of junior high school students discuss with Martin Kove how important it is to be prepared to make decisions. Being prepared includes knowing what makes you feel good about yourself and what makes you feel bad. Three dramatizations give students the opportunity to put themselves in situations where difficult choices must be made. The situations deal with reactions to a new neighbourhood, loneliness

and change of behaviour, peer pressure and being the child of an alcoholic, and parental abuse and peer intervention.

Ages 9 to 11, Ages 12 to 14  
18 minutes, order 1-82011-IN

#### Mammalian Heart / Lungs (Revised)

*Laser Videodisc*

Investigate the structure and function of two mammals hearts including external features and internal structure.

Learn how the respiratory system of mammals enables the exchange of gasses between blood and external environment, plus the structure and function of lungs and air passages.

*Also available individually on CD-ROM and VHS formats*

Ages 15 to 18, Adult, Ages 12-18  
25 minutes, order 1-75091-IN

#### Man And The State: The Trial Of Socrates

*Laser Videodisc*

The trial and death of Socrates are significant moments in the history of Western civilization. These events pose the questions that are still deeply troubling to our society. How far should a society go in suppressing people and ideas it feels are dangerous? Should a man obey laws he feels are unjust?

Ages 9-14  
29 minutes, order 1-86751-IN

#### Marijuana And Human Physiology

*Laser Videodisc*

Even though marijuana is the second most widely abused drug after alcohol, many people believe it offers harmless recreation. This program dispels that belief with hard facts about the drug and its effects on the body. A physician-narrator clearly describes the chemicals damaging affects on the sinuses, pharynx, uvula, lungs, heart, brain, reproductive system, and immune system. The physiological development of the "pot personality," the hazards of driving while under the influence, and the dangers of mixing marijuana with alcohol are also discussed.

**NOTE:** This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 15 to 18, Adult  
22 minutes, order 1-98321-IN





## Learning Resources

### Marijuana And The Mind: Addiction And Intoxication

*Laser Videodisc*

Current research into the effects of marijuana on the brain are reported in this film. It's now proven that the drug concentrates in the two areas of the brain that affect memory and learning and movement and thinking.

Mental changes sustained by users are revealed through laboratory demonstrations, interviews with physicians and other health care professionals, and documented experiences of recovering addicts. The most obvious change is the loss of short term memory. "Attention deficit" is another mental loss. Marijuana also changes perception...time and shape are distorted, and stationary objects may seem to move. The consequences of such mental changes while driving a car, for example, are discussed.

The warning signs of addiction are described. Marijuana is a seductive drug. People gradually increase their use to keep getting the same effects. Suffering from "amotivational syndrome," many heavy smokers lose all their drive; others never realize their potential. Stressing that a sign of the addictive power of marijuana is the high relapse rate of people who

try to quit, Dr Meyers states, "The drug can ruin lives just as surely as heroin or crack; it only takes longer."

Ages 15 to 18, Adult  
22 minutes, order 1-82101-IN

### Mark Twain's Hartford Home

*Laser Videodisc*

A tour through Twain's home in Hartford, Connecticut, where he and his family lived for twenty happy and productive years provides insight into Twain's writings and personal triumphs and struggles. Generous use of photographs, and well-chosen quotations and anecdotes create a vivid picture of the writer's times.

Writing under the pen name of Mark Twain, Samuel Langhorne Clemens gained worldwide acclaim as an author, lecturer, humourist, and newspaperman. Many consider him to be the creator of the first distinctively American writing style.

At the peak of his prominence, Twain built a Victorian home in Hartford, Connecticut that reflects his writing style and personality. Twain himself described the house as "part steamboat, part medieval stronghold, and part cuckoo clock." This tour of his home is liberally flavoured with samples of Twain's wit and creates a vivid picture of the writer, his friends, and his times.

Ages 12-18, Ages 9 to 11, Ages 15 to 18  
24 minutes, order 1-40281-IN

### Mass And Density: Investigating Matter

*Laser Videodisc*

Assist Detective Will Slater, a crime lab sleuth, in investigating mass, density, volume, weight, gravitational attraction, and buoyancy.

*Also available in CD-ROM and VHS formats*

Ages 9 to 11, Ages 12 to 14  
20 minutes, order 1-98121-IN

### Mathematics For Primary

*Laser Videodisc*

Animated objects appear and disappear, mix and separate, scurry about the screen, and line up in orderly rows to graphically illustrate the basic concepts of mathematics. mathematical symbols are visually portrayed, and mathematical sentences are superimposed on the screen to correspond to the colourful action. The use of lively animated objects help children increase their understanding and retention of abstract concepts.

NOTE: This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Program 1 - Side 1: *Addition* In an animated fantasy, bunnies, boats, helicopters, desk lamps, and roller skates illustrate the operation of addition. Mathematical sentences are superimposed on the

screen as sets of objects join together to make new groups and arrange themselves to illustrate the property of addition.

Program 2 - Side 1: *Subtraction* Animated objects, including hot dogs, fried eggs, cupcakes, ice cream, and apples appear and disappear in an attention-holding presentation that illustrates the concept of subtraction. Mathematical sentences are super-imposed to express subtraction operations as objects are "taken away."

Program 3 - Side 2: *Multiplication* The operation of multiplication is presented in this award-winning program through animation as pop bottles line up in rows, socks in pairs, toy cars in columns, and pencils in jars. Two conceptual models of multiplication are presented...repeated addition, the summing of equivalent sets; and the rectangular array, adding rows of equal numbers.

Program 4 - Side 2: *Division* Tennis shoes, bouncing balls, and shuffled cards scoot and scurry around the screen to illustrate the concept of division. Sets of objects divide into groups of equal number, illustrating repeated subtraction and introducing the concept of a remainder. Mathematical sentences are superimposed to correspond with the action.

Ages 6-11  
32 minutes, order 1-75111-IN



### Learning Resources

#### McGruff On Self Protection: Preventing Child Abuse & Neglect

*McGruff The Crime Dog Series*

Explains that any abuse or neglect is unlawful, and help is available. Kids learn they are not at fault, and strategies for handling different situations.

*Closed Captioned*

Ages 6-11  
20 minutes, order 1-8573-IN

#### McGruff's Drug Alert

*Laser Videodisc*

McGruff warns children about both legal and illegal drugs. He explains that even medicines can be dangerous if they have been prescribed for someone else. McGruff makes it clear that drugs are like poison. But unlike poison, they have no warning labels. McGruff teaches children how to stand up to peer pressure and protect themselves from people who try to persuade them to take drugs. McGruff is a registered trade mark of the National Crime Prevention Council.

Ages 6-11  
11 minutes, order 1-99131-IN

#### Meiosis And Mitosis: Fertilization And Sexual Reproduction

*Striking microphotography and colour animation illustrate the various cellular processes involved in reproductive development in vertebrates and invertebrates. Covers internal and external fertilization, meiosis and mitosis.*

Program comes with a comprehensive discussion guide.

*Available in CD-ROM and VHS formats*

Ages 12 to 14, Ages 15 to 18  
23 minutes, order 1-8878-IN

#### The Mexican Way Of Life

*Laser Videodisc*

The diversity of Mexico is richly communicated in this film as it moves from snow-covered mountain slopes to modest Indian villages, meeting and talking with people of all ages, regions, and lifestyles.

The Mexican people retain a strong sense of heritage and tradition. The influences of Spanish and Mayan roots are visible in the modern art and architecture of Mexico. Graphics and maps show that only ten percent of Mexico's land is tillable. Consequently, Mexico imports much of its food. The film examines the country's various sources of capital including tourism and oil production. By Sandler Films.

Note: This is a bilingual laser video disc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 12-18, Ages 9 to 11, Adult  
23 minutes, order 1-98481-IN

#### Microbes: Bacteria And Fungi

*Laser Videodisc*

Discover the physical characteristics, risky and beneficial applications, and ways to impede and prevent growth of microbes.

*Also available in CD-ROM and VHS formats*

Ages 12 to 14, Ages 9 to 11  
17 minutes, order 1-97751-IN

#### Miracle Of Birth

*Laser Videodisc*

Documents the use of forceps and an epidural block, delivery by Caesarean section, as well as a natural delivery. Members of the medical team explain each stage of labor and delivery emphasizing benefits of prenatal care. Three babies are born during the course of this program, three births, each an astonishing and joyful miracle.

The choices available to expectant parents in a hospital setting have advanced significantly in the past few years. To help parents make informed choices, the program illustrates the use of a birthing room as well as the traditional labour and delivery rooms. Various opportunities for family members to participate in the birthing process with the mother are also shown.

This completely new edition of the highly acclaimed program incorporates the latest and most accurate medical information and vividly depicts the wonder and the reality of childbirth. It gives valuable information to parents, health care professionals and educators in hospitals, prenatal clinics, and medical and nursing schools. Produced by Brigham Young University College of Nursing.

*This is a bilingual (English-Spanish) laserdisc.*

Adult, Professional, Ages 12-18  
30 minutes, order 1-99861-IN



## Learning Resources

### Model T Man From Michigan: Henry Ford & Horseless Carriage

Laser Videodisc

Henry Ford "changed our lives forever" with his Model T and his innovative idea of assembly line mass production. By 1914, his company was producing two thousand cars a day. At the time, his manufacturing plant was the most advanced, efficient industrial complex in the world. He also pioneered by paying his workers high wages, and giving them workers' compensation, and building schools and housing for their families.

The program explores the complexities of Ford, the industrialist and the private man, as it tours many of the Ford homes.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-98831-IN

### Moths And How They Live

Laser Videodisc

"Recommended science 4-Vertebrates and Invertebrates."

Saskatchewan Education, Training and Employment.

Chris, his mother, and his friend go moth-hunting in this delightful nature film. In their explorations, the group encounters various species of moths at different stages in their metamorphosis. One of the most impressive sequences depicts the hatching of a hawk moth caterpillar, sometimes called a hornworm. It emerges from its shell and immediately begins

looking for food. These caterpillars camouflage themselves by hiding along the veins of leaves; their pale green colouring makes them virtually undetectable. Produced by VATV Productions.

Ages 9 to 11, Ages 12 to 14  
17 minutes, order 1-83951-IN

### New Beginnings (1895-1904)

Laser Videodisc

America at the turn of the Century - a time of both conservatism and tremendous change. Rapid industrialization and new immigrants are changing the face of American cities; the Spanish-American War plunges the U.S. into world affairs; Native Americans in the Indian Territory are made U.S. citizens; McKinley is assassinated and Theodore Roosevelt becomes President.

Included is footage of vaudeville, the first motion picture, an early Wright brothers' flight at Kitty Hawk, and the opening of the New York Subway.

Ages 12-18, Adult  
25 minutes, order 1-97511-IN

### Newton's Laws Of Motion: Mass, Force & Momentum

Laser Videodisc

Mass, force and momentum, including demonstrations, the effect of friction, static inertia, and the principles and terms associated with Newton's laws of motion.

Also available in CD-ROM and VHS formats

Ages 9 to 11, Ages 12 to 14  
17 minutes, order 1-97771-IN

### Nutrition For Health: The Food Pyramid/moderation In Eating

Laser Videodisc

#### Nutrition for Health: The Food Pyramid Program 1

This program defines The Food Pyramid, the new nutritional standard illustrating the five food groups and their recommended daily portions. In a series of interviews, high school students find out from health experts what proper nutrition is and how it can be incorporated into a daily diet.

The program points out that a healthy diet can be thought of as a four tiered pyramid. The largest part, or base of the pyramid, should be comprised of foods rich in complex carbohydrates. The next groups...fruits and vegetables; milk and dairy products; and meat, fish and poultry should make up the rest of a daily diet. The tip of the pyramid...fats, oils and sugars, should be avoided because they are already present in the other groups.

While emphasizing that each food group is necessary for good health, the program stresses that incorporating the proper amounts of each is vital to achieving good health.

Key points

\* Explains what portions of each food group should be eaten daily.

\* Stresses that adding fats, oils and sugars to meals should be avoided because they are already present in the main food groups.

\* Lists foods which can be eaten in place of meat and/or combined with other foods to supply protein.

\* Suggests ways to reduce fats in certain foods.

#### Wellness: Moderation in Eating Program 2

The traditional diet, loaded with protein, salt, fat, cholesterol and sugar and devoid of fibre has cost the health of many. A registered dietitian shares her knowledge on the problems these dietary trouble makers can cause and gives specific life-saving advice.

Ages 12-18  
27 minutes, order 1-75231-IN

### One For My Baby

Laser Videodisc

Interviews with parents and physicians of "Fetal Alcohol Syndrome" children dramatically reveal the long term effects of drinking during pregnancy. One sure prevention: abstinence.

Note: This is a bilingual (English-Spanish) laserdisc. Adult, Professional, Ages 12-18  
28 minutes, order 1-97631-IN



### Learning Resources

#### Out Of The Ashes (1945-1949)

*Laser Videodisc*

The trials of Nuremberg and the military tribunal in Tokyo condemn "war criminals" to death. The U S spends hundreds of millions on relief for war-torn Europe. The Russians walk out of the first session of the U N in disagreement with the U S. The "Cold War" has begun. The U S airlifts supplies to West Berlin. The FBI investigates communist supporters. Mao Tse-tung establishes communism on mainland China.

Adult, Ages 12-18  
24 minutes, order 1-98191-IN

#### The Panamanian Way Of Life

*Laser Videodisc*

Teenage hosts Mauricio and Diana show how Panama's unusual geography and colourful history have influenced Panamanian life as they lead viewers on an exciting tour of their country.

Highlighted is the story of the founding of the Republic of Panama and the building of the Panama Canal in the early years of the 20th Century. Mauricio and Diana visit the Canal and explain its operation. In closeup views of Panamanian home life, the hosts visit both a rural *campesino* family and a middle class suburban family.

In a secondary school, students discuss their concerns for the future and their feelings about the U.S. involvement in their

country ... including the 1989 invasion to oust dictator Manuel Noriega. Panama's position as an international banking centre is also examined. Sports and recreation, including a visit to a Panama City discotheque, round out this stimulating visit to the Republic of Panama.

This insightful film helps foster an appreciation of global diversity and interdependence. It clearly examines the geographical and historical influences on the culture, lifestyles, politics, and economy of Panama, plus reviews the struggle to build the Panama Canal as well as its operation today.

Ages 9 to 11, Ages 12-18, Adult  
24 minutes, order 1-84191-IN

#### Passing Storm, The (1931-1933)

*Laser Videodisc*

The depression has become world-wide. Many European countries turn to dictators...Mussolini in Italy, Hitler in Germany, Stalin in the Soviet Union. Japan begins building an empire in the Far East. America looks for relief from its depression in entertainers like Jack Benny, Mae West, Gable, and Garbo. *All Quiet on the Western Front* wins the Academy Award for best picture with its message that war is futile. The kidnapping of the Lindbergh baby captivates the nation. Despite Prohibition, liquor is easy to obtain and gang activity continues. Roosevelt is inaugurated and begins

the "Hundred Days" of New Deal legislation. Roosevelt gives "fireside chats," Prohibition is repealed, Mussolini invades Ethiopia, and the Great Purges begin in the soviet Union.

Ages 12-18, Adult  
24 minutes, order 1-97621-IN

#### Paul Revere: The Messenger Of Liberty

*Laser Videodisc*

Paul Revere's midnight ride to alert the Minutemen of the approaching British troops is a cherished part of American history. Revere was a family man and a respected silversmith who rose to the demands of the extraordinary times in which he lived. He created political cartoons, took part in the Boston Tea Party, became a special courier for local patriots, and, during the war, manufactured cannon and gunpowder for the Continental Army. After the war, he prospered with his industrial innovations.

This program takes a look at Revere's life and times while touring his home in Boston's historic North Square.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-98941-IN

#### Pearl Buck: The Woman, The World, And Two Good Earths

*Laser Videodisc*

A visit to the world of the woman behind the Nobel Prize-winning author reveals a sculptor, pianist, philanthropist, and mother of nine adopted children. Born in West Virginia in 1892, Buck was raised in China by her missionary parents. With the exception of college in the U.S., she stayed in China until 1927, when she and her husband were forced to flee to Japan to escape execution by the communists. She didn't write her first novel until she was thirty eight. But from that time until her death, Buck wrote more than ninety books.

Green Hills, her home in Pennsylvania, is full of rare and beautiful artworks and furnishings representing Buck's world acclaim and her years in China.

Ages 12-18, Adult, Ages 9 to 11  
24 minutes, order 1-97471-IN

#### Photosynthesis / Plants In Action

*Laser Videodisc*

Learn how photosynthesis enables green plants to use the sun's energy to live and grow, make our food, some of our clothes, and the wood in our homes.

Observe the complex activity of plants growing and responding to changes in their environments, from the opening of leaves and flowers to the sending of tendrils.

Ages 9 to 11, Ages 12-18  
10 minutes, order 1-75201-IN



## Learning Resources

### Poisonous Plants / Poisoning By Accident

*Laser Videodisc*

**Poisonous Plants** Program 1  
The dangers of a wide range of familiar plants are identified in this informative safety film. The hazards of touching or eating the leaves, fruit, seeds, or stalks of common houseplants, yard plants, wild plants, and even certain food plants is examined. Ways people harm themselves while on vacation, such as roasting marshmallows on a stick cut from a poisonous plant, for example, are pointed out. Special concerns regarding poison oak and poison ivy are described.

*Poisoning by Accident*  
Program 2

This program alerts the public to the causes of accidental poisoning and teaches essential lifesaving techniques that can be performed in an emergency. It points out the potential killers found in the home, and steps to be taken for poisons taken internally, inhaled, or absorbed through the skin.

Ages 12-18, Adult  
27 minutes, order 1-75221-IN

### Policing The Peace (1948-1951)

*Laser Videodisc*

Israel is proclaimed a state. India wins independence. Gandhi is assassinated. Haile Selassie inspires other African nations to demand independence. North Korean troops cross the 38th parallel into South

Korea. A 15-nation U N peace-keeping force is dispatched. By 1954, oil has given Arab nations increased power. Egypt seizes the Suez Canal, and Israel invades the Sinai.

Ages 12-18, Adult  
24 minutes, order 1-98201-IN

### The Portrait

*Laser Videodisc*

**P**ulsating music echoes the frustration that Julie feels as she crumples up her self portrait, an assignment that she undertakes once again after a tense dinner with her successful parents. After the instructor's comment that her latest rendition doesn't reveal enough emotion, the attractive but troubled teenager leaves class abruptly and tries to commit suicide.

Inspiration drawn from her roommate and insight gained in therapy eventually lead Julie to self-acceptance and a return to her former activities, the first of which is a successful completion of a sketch of an inspiring friend. Depicting a believable situation in which a young person pressures herself to excel and subtly pointing to an adult's perceptive handling of his student's attempted suicide, this is a thoughtful presentation of how a young girl learns to value herself and others.

Available with a Spanish sound track.

Ages 15 to 18, Adult  
30 minutes, order 1-99281-IN

### Power And Prejudice (1926-1928)

*Laser Videodisc*

**A** time of controversy and conflict, gambling and bootleg liquor generate great wealth for mobsters. Babe Ruth hits sixty home runs in a season. Billy Mitchell argues that conventional battleships are obsolete and stages aerial bombings to prove his point...he proves it, but is court-martialled for insubordination. Sacco and Vanzetti are electrocuted; five million Americans are members of the Ku Klux Klan and the Klan considers blacks, Jews, Catholics and immigrants to be "un-American." Henry Ford sells his fifteenth millionth Model T and introduces the Model A. Lenin's death sets off a power struggle in Russia between Trotsky and Stalin. Land speculation in Florida collapses after two hurricanes; and Hoover is elected.

Ages 12-18, Adult  
24 minutes, order 1-97601-IN

### Prelude To Revolution/Lexington, Concord & Independence

*Laser Videodisc*

**P**relude To Revolution (Side One)

After the Boston Massacre, British troops withdrew and the Townshend Acts were repealed. But gradually the Custom Commissioners began to heavily tax Colonial shipping again. Angered, Colonists burned a British ship, causing Britain to

take an even firmer stand. The Tea Act was passed and the Boston Tea Party took place. In 1774 the first Continental Congress met in opposition to the Intolerable Acts.

*Lexington, Concord, And Independence* (Side two)

The Continental congress represented a challenge to the Crown. King George III intended to teach them a lesson, but the Minutemen were prepared. British troops were challenged first at Lexington and then at Concord. Washington was appointed commander-in-chief of the regular army; the Declaration of Independence was adopted.

Ages 9 to 11, Ages 12 to 14  
34 minutes, order 1-75031-IN

### Prelude To War (1935-1939)

*Laser Videodisc*

**I**n America, DiMaggio, rodeoing, car racing, and Howard Hughes' record-setting flight around the world thrill the public. Meanwhile, Hitler rallies the German youth, imprisons Jews, forms the Axis alliance with Italy, and retakes the Rhineland. Japan conquers one-third of China. Russia signs a peace pact with Hitler. America begins construction of war materials.

Ages 12-18, Adult  
22 minutes, order 1-98151-IN



### Learning Resources

#### The Price Of Peace (1917-1918)

Laser Videodisc

The final days of the war. General Billy Mitchell commands the American air war; airplanes are used in "dogfights," for reconnaissance, and for bombing and strafing enemy troops. Baron von Richthofen becomes Germany's "ace," and Captain Eddie Rickenbacker becomes America's. The U.S. Navy grows ten-fold; the Bolsheviks come to power in Russia; U.S. Prisons overflow with conscientious objectors and war protestors. Germany signs the armistice. Footage of returning wounded doughboys is juxtaposed with the ecstatic celebrations in Times Square.

Ages 12-18, Adult  
24 minutes, order 1-97561-IN

#### Recycle: Protecting Our Environment

Laser Videodisc

Many items thrown out in the trash can be recycled instead. Learn what recycling means and what things can be recycled.

Available in CD-ROM, VHS and Laser Videodisc formats

Ages 9 to 11, Ages 12-18, Adult  
16 minutes, order 1-82531-IN

#### Reduce: Protecting Our Environment

Laser Videodisc

Learn how to reduce the amount of toxic, harmful and wasteful debris that you throw away and start shopping wiser.

Ages 9 to 11, Ages 12-18, Adult  
14 minutes, order 1-82551-IN

#### Reducing School Violence Through Ethnic Harmony

Laser Videodisc

Five months after a racial brawl tore their school apart, a group of high school students comes together to consider the impact of continued racial and ethnic strife on their future.

As these students discuss specific barriers to peaceful coexistence, they discover/reaffirm the importance of communication, understanding, and respect.

This program offers clear proof that youth can not only envision a better future but also effect one.

Also available in Video Cassette format (order 1-8745).

Ages 12-18  
29 minutes, order 1-87451-IN

#### Reproduction In Organisms

Laser Videodisc

Discover why all life is dependent on reproduction for its continued existence, from egg laying and hatching, to sexual reproduction and asexual reproduction.

Ages 15 to 18, Adult, Ages 12-18  
16 minutes, order 1-80211-IN

#### Republican Party 1960-1992 (Revised)

Laser Videodisc

After losing seven out of the nine Presidential elections between 1932 and 1964, the Republicans have dominated Presidential politics until the recent election of Democratic President Clinton. How did they break-up the Democrat's winning coalition of the past? Magazine editor and former White House staffer David Gergen explores these and other questions with the help of documentary footage and interviews with Republican leaders. By Manifest Productions.

Revised version of existing program to include the Clinton-Bush campaign.

Ages 12-18, Adult  
52 minutes, order 1-83351-IN

#### Reuse: Protecting Our Environment

Laser Videodisc

The utility of many household items can be greatly extended. Learn how to modify and create new uses for everything from kitchen scraps and jars, to auto parts and appliances.

Also available in CD-ROM and VHS formats

Ages 9 to 11, Ages 12-18, Adult  
13 minutes, order 1-82541-IN

#### Rip Van Winkle

Laser Videodisc

Having a decided preference for leisure, Rip escapes from the demands of his wife into the hills for a "quick nap", waking years later to find himself in a world greatly changed.

Ages 12 to 14  
18 minutes, order 1-86931-IN



## Learning Resources

### Risk Taking And You

*Laser Videodisc*

This half-hour video examines why teenagers are so inclined to take senseless risks, and challenges students to explore risk-taking in their own lives. Using both real life interviews with teenage risk-takers and compelling dramatizations, the differences between healthy and unhealthy risk-taking are clearly illustrated. Among the issues covered are: how we evaluate (or ignore) risk; how teenage risk-taking is related to suicide; and learning how to consciously assess a risk.

Special attention is paid to the following risks: AIDS, teenage pregnancy, drinking and driving, smoking and drug use, and reckless behaviors.

Strategies for minimizing dangerous behaviors are spelled out and the importance of taking positive, life-enhancing risks -as opposed to destructive ones - is a recurring theme.

*Presents an important topic which has not been widely treated. It gives relevant information and food for thought about reasons for risk-taking, the necessity of risk-taking for growth and independence, the difference between healthy and harmful risk-taking, and some patterns of excusing foolish risks.*

SCHOOL LIBRARY JOURNAL

*Note:* This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 12-18, Adult, Professional  
23 minutes, order 1-81441-IN

### The Rites Of Passage (1919-1920)

*Laser Videodisc*

Having come through a trauma, America yearns for the pleasures of the moment while Woodrow Wilson tries to fashion a lasting world peace. The Treaty of Versailles punishes Germany, despite Wilson's objections; the Senate rejects the Treaty and the League of Nations. Russia is crippled after the war, the revolution, and a catastrophic crop failure. In the U.S., a domestic Red Scare targets labour unionists, people with left-wing ideas, and foreigners. Women gain the right to vote and greater social mobility. Prohibition is instituted; airline passenger service is inaugurated; and the rapid expansion of automobile production creates a need for paved roads.

Ages 12-18, Adult  
25 minutes, order 1-97571-IN

### Sam Houston And Texas: A Giant Man For A Giant Land

*Laser Videodisc*

Rich in intriguing personal and political facts, this program presents Sam Houston, the first president of the Republic of Texas. Houston's military career is traced from his modest

beginning as a soldier fighting in Andrew Jackson's army to his zenith as the general who led Texas to independence from Mexico. Houston pushed for statehood for the new nation, and then became the first U.S. Senator from Texas.

The program explores Houston's colourful life as an heroic soldier and a visionary statesman while touring his Huntsville, Texas home.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-98811-IN

### Seeds Of Discord (1933-1936)

*Laser Videodisc*

Workers unite behind John L Lewis. Hitler and Mussolini display intentions of conquering the world. Gandhi leads India in its struggle for self-rule. Batista seizes power in Cuba. Mao Tse-tung's communists throw China into civil war. Japan invades Manchuria; and King Alexander of Yugoslavia is assassinated in France. FDR allies the U. S. with Russia under Stalin as a buffer against menacing Hitler.

Ages 12-18, Adult  
24 minutes, order 1-98141-IN

### Self Esteem: Feeling Good About Yourself

*Laser Videodisc*

**NOTE:** This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Positive self-esteem can pave the way for a life of achievement and resilience in the face of adversity. Negative self-esteem can smother the spirit and create seemingly insurmountable barriers to happiness and achievement. This thought provoking program for teenagers shows that low self-esteem is a common problem whose causes can be addressed.

The self-esteem problems presented in this program will be familiar to young people.

- Larry criticizes himself for his lack of focus and determination. - Cindy has been taught all her life that she's "dumb". - Ken feels he's betraying his father by pursuing his own career interest. - Lisa is guilty because of a sexually promiscuous episode. - Wendy believes she's unattractive. - Ramon sees himself as an outsider.

Each sees that their personal problems are not unique and are solvable. Counseling, friendship, parental guidance, and the development of special interests and talents are among the ways they learn to feel better about themselves.

Ages 12-18  
22 minutes, order 1-97731-IN



## Learning Resources

### Facts, Feelings And The Wonder Of Live - The Early Stages

*Laser Videodisc*

Two programs, hosted by actor Scott Baio, focus on the growth and development of children in early stages of puberty. Dr Thomas Long, Director of Adolescent Medicine at the UCLA School of Medicine, and Dr Gail Wyatt, a psychologist specializing in sex education at the UCLA School of Medicine, provide the straightforward information preteens need.

Program 1 - Side 1: *Sexual Changes - Boys*

This program describes the changes that occur in boys' reproductive organs during puberty. A group of pre-teen boys share their experiences and concerns. Dr Long explains the sexual changes all boys experience, describes the male reproductive organs and their functions. Includes discussion on feelings of embarrassment or anxiety caused by sexual changes, and brief description of sexual changes in girls.

Program 2 - Side 2: *Sexual Changes - Girls*

This program describes the changes that occur in girls' reproductive organs during puberty. A group of pre-teen girls discuss their experiences and concerns. Dr Long uses three-dimensional computer animation to describe the female reproductive organs, explains what happens during menstruation, conception, and pregnancy. Includes

discussion about anxieties that may occur with sexual growth, and brief description of sexual changes in boys.

Ages 12 to 14, Ages 9 to 11  
38 minutes, order 1-75121-IN

### The Shifting Sands: A History Of The Middle East

*Laser Videodisc*

This program takes viewers on a journey back through time nearly five thousand years ago to when history was first recorded in Mesopotamia ... the land between the Tigris and Euphrates Rivers. Ancient artifacts tell the story of what life was like during the early Sumerian civilization. The program continues forward through time discussing the religious and social influences left by the Babylonian, Persian, Egyptian, Roman and Greek civilizations on the Middle East.

Contrasts are made between the religious and cultural differences between today's Arab and Israeli civilizations and analysis is given on the pertinent problems and issues that continue to cause conflict in the region including the Arab/Israeli wars and the more recent war in the Persian Gulf. Produced by NBC News Productions, Inc.

Key Points:

\* Traces the history of the Middle East from the Sumerian civilization to present day.

\* Examines the religious and social influences left on the Middle East by the Babylonian, Persian, Egyptian, Roman and Greek civilizations.

\* Discusses the Persian Gulf Ware and other problems that continue to cause unrest in the area.

Also available in *Video Cassette* (order 1-8483) and *Video Cassette Extended Version* (47 minutes, order 1-8484).

Ages 15 to 18, Adult  
29 minutes, order 1-84831-IN

### Simple & Compound Machines: How They Work

*Laser Videodisc*

See physics at work as you join two students in preparing for a Science Fair.

Ages 9 to 11, Ages 12 to 14  
22 minutes, order 1-97761-IN

### Snakes And How They Live (Revised)

*Laser Videodisc*

Examine the physical characteristics of different species of poisonous and non-poisonous snakes, including moulting, the swallowing whole of prey, their life cycles, hibernation and estivation are discussed.

Ages 9 to 11, Ages 12 to 14  
12 minutes, order 1-99851-IN

### The Social Drinker & The Anti-social Driver

*Laser Videodisc*

Those who think of themselves as moderate drinkers and safe drivers need to see this program. Statistics show it's the social drinkers, not the problem drinkers, who are the ones most often responsible for traffic accidents and fatalities.

The consequences of drinking and driving are dramatized in memorable vignettes. Sensible alternatives of drinking and driving are offered, including the one-drink / one-hour guideline and arranging for other transportation home.

Ages 15 to 18, Adult  
21 minutes, order 1-97891-IN

### Solar Activity

*Laser Videodisc*

Explore the nature of the sun's surface and atmosphere including sunlight, spectroscopes, sun spots, solar flares, and prominences.

Adult, Ages 12-18, Post Secondary - Introductory  
20 minutes, order 1-82841-IN





## Learning Resources

### Space Probes And Starships

*The Adventures In Space Series*

Using NASA footage from the "Voyager" and "Mariner" space probes, all the planets of our solar system are described. The problems of intergalactic space travel are explored, including prolonged periods of weightlessness and vast distances to be covered. Various telescopes are discussed and what they reveal about such things as black holes and quasars.

This video does a good job of summarizing and explaining one of the greatest adventures of the 20th Century...beginning the exploration of outer space. The program is suitable for the intermediate grades through high school. *Space Probes and Starships* details the Voyager and Mariner space probes, and the information they added to knowledge about our solar system. The physical challenges that intergalactic travel pose are discussed in some detail. Leonard Nimoy is an effective, engaging narrator and host for this program. The visual quality is excellent considering the age and condition of some of the archival footage. After viewing this production, students will have a better understanding of the problems of earlier space endeavours and what formidable barriers there are to travel outside our solar system. This title would be a good addition

to collections where the study of astronomy or the space program is important. Phyllis Poole Petcoff, Hinsdale Central High School, IL  
29 minutes, order 1-8480-IN

### Spiders And How They Live

*Laser Videodisc*

Join the search for various types of spiders, learning about the activities of an orb web spider, the body parts of spiders, how they use their silk, eat, and reproduce.

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-82241-IN

### Stratford Hall And Robert E Lee

*Laser Videodisc*

Robert E. Lee, loved and widely respected in his time by both enemy and ally, is considered by many to be the greatest military mind in American history.

Through tours of Lee's family home, Stratford Hall, and his wife's family home, Arlington Mansion, (now Arlington Cemetery), this program explores one man whose strength of character and military brilliance did much to dignify and empower the Southern cause in the War Between the States.

Ages 12-18, Ages 9 to 11, Adult  
24 minutes, order 1-98801-IN

### Stress: Learning To Handle It

*Laser Videodisc*

*Gold Apple, National Educational Film and Video Festival*

This program teaches teenagers what stress is, how it effects can be recognized in their own lives, and how they can manage it.

In a high school support group, teenagers discuss the pressures on them. The faculty leader defines stress in physiological and emotional terms and explains that its most basic cause is change. The students learn that while some stress is necessary for survival and achievement, there are negative effects that include sleeplessness, over and under eating, quick temper, stomach pains, and depression.

The program covers five major steps to long-term reduction of stress: identify the cause, take responsibility for solving the problem, develop a network of friends for mutual support, exercise and relax, and communicate needs.

*It incorporates techniques that are valuable throughout a person's life...the dramatizations are true to life, illustrating individual differences in reacting to stress. MEDIA PROFILES, HEALTH SCIENCES*

Ages 12-18, Adult, Professional  
23 minutes, order 1-97741-IN

### Substance Abuse 2nd Edition

*The Safety On The Job Series*

*"Used with our departmental safety meetings. It really pertains to our guys. The work setting is so much like ours, it really hits home. They're made much more aware of the dangers of substance abuse on the job."*

Claire Archer, Occupational Health Nurse, Provincial Paper, Thunder Bay.

The use of drugs in the workplace for any reason is a hazard. Prescription and non-prescribed medicines as well as alcohol and illegal drugs reduce workers' abilities to function safely.

Controlled experiments revealing behavioural changes make it clear that individuals under the influence are not in control of themselves. Among the drugs tested are alcohol, amphetamines, marijuana, barbiturates, tranquilizers, antihistamines, cocaine and PCP.

The film dramatically reveals that the risk of accident is shared involuntarily by co-workers of substance abusers.

Adult  
16 minutes, order 1-97281-IN



### Learning Resources

#### Suicide: Call For Help

A group meeting at a teen centre provides a basis for discussions about why young people try suicide and what can be done to prevent it. Identifies typical situations that can bring on depression.

*"We have a lecture presentation package on suicide that we're putting together to use with all senior high school students in the city. **Suicide: A Call For Help will be an excellent supplement to this program. It provokes good, strong discussion of the problems young people face, and it creates an atmosphere for active participation in looking at the issues. Also, at twenty three minutes it's an excellent length for classroom presentations.**"*  
Sgt Bobby MacLeod,  
Community Services  
Section, Calgary City Police,  
Calgary Alberta.

Ages 15 to 18, Adult  
23 minutes, order 1-98441-IN

#### The Tarnished Dream (1929-1931)

Laser Videodisc

Depression hits America. Recently uncovered film from the '30's tells the story of the stock market crash in 1929 and its aftermath, providing vivid images of a nation with one quarter of its workforce out of a job. Hoover is inaugurated promising continued prosperity, then a year later the stock market crashes; banks fail; soup kitchens spread; families and marriages break up

under the strain. Civil unrest and strikes are on the rise. Shanty-towns, called "Hoovervilles" spring up around the country. The Empire State building is opened; the Olympics take place in Los Angeles.

Ages 12-18, Adult  
24 minutes, order 1-97611-IN

#### Teen Contraception

Laser Videodisc

This program offers adolescents a candid discussion of contraceptive methods in a language they will understand. It presents the straight facts about how and when pregnancy occurs while dispelling the myths widespread among teenagers. The most common forms of birth control are explained in detail. The effectiveness of each is fully discussed not only in terms of preventing pregnancy but also AIDS and other sexually transmitted diseases. The pros and cons of each method are also included. A Milner-Fenwick Production

NOTE: This is a bilingual laser videodisc. The English soundtrack is on audio channel 1. The Spanish soundtrack is on audio channel 2.

Ages 12-18, Post Secondary -  
Introductory  
13 minutes, order 1-81551-IN

#### Tenth Good Thing About Barney

Laser Videodisc

When Barney the cat died, his family gave him a funeral in their backyard, and the young boy was broken-hearted. To

help her son through his grief, his mother suggested he think of ten good things about Barney. But the boy could only think of nine (...he only once ate a bird...it was sweet to hear him purr in my ear). Then he learned from his father about how trees, grass, and flowers grow. He learned that in the ground everything changes...even Barney...and the cat would help to make the plants grow. "And that," the youngster decides, "is a pretty nice job for a cat"...and the tenth good thing about Barney. A Bernard Wilets Film.

Ages 6-11  
13 minutes, order 1-98711-IN

#### Theodore Roosevelt's Sagamore Hill

Laser Videodisc

Theodore Roosevelt used the powers of the Presidency more forcefully than any President since Lincoln. He was considered a "progressive"...a friend of labour and the common man, a "trust buster," a conversationalist, and an opponent of unfair and unhealthy trade practices.

A tour through Roosevelt's rambling twenty-three room summer home on Long Island's north shore reveals the many interests of its owner's life...as a world statesman, military hero, rancher, traveller, hunter, sportsman, and author.

Ages 9 to 11, Ages 12-18, Adult  
23 minutes, order 1-44401-IN

#### Thomas Edison's Glenmont

Laser Videodisc

Thomas Edison called his magnificent Victorian mansion his "workbench." Edison was once asked what he feared most. His ironic reply was "I'm afraid of the dark." Edison died at Glenmont...with all the lights burning.

Though he had only three months of formal schooling, Thomas Edison patented 1,093 inventions. Edison worked for days at a time testing thousands of variations of an experiment, catching only short naps in his laboratory. As a consequence, Edison wasn't much of a family man and had few close friends.

This program tours Edison's magnificent Victorian mansion and visits his laboratories where his major inventions and innovations are examined, including the incandescent light, the phonograph, the electric locomotive, the motion picture camera, and the vacuum tube.

Ages 12-18, Ages 15 to 18, Ages 9 to 11  
23 minutes, order 1-40331-IN



### Learning Resources

#### Thomas Jefferson's Monticello

*Laser Videodisc*

On a hill outside CharloTTetown, Virginia, Jefferson built a house that provided him with a setting for his many skills and interests. The program displays his collections of paintings and furniture, his ingenious devices to make living more comfortable.

Best remembered as a great President and author of the Declaration of Independence, Thomas Jefferson also won lasting fame as a diplomat, architect, inventor, educator, and political philosopher. While describing the life of this man who, through more than forty years of public service, held faithful to his vow of "eternal hostility against every form of tyranny over the mind of man," E.G. Marshall tours Jefferson's eccentrically personal home, Monticello.

The sunny, Palladian-style home shows Jefferson's collections of paintings and furniture, his ingenious inventions, his musical instruments, and his personal items, including a letter to his daughter.

Ages 9 to 11, Adult, Ages 12-18  
24 minutes, order 1-40471-IN

#### Thumbs Up For Kids / Come Sit By Me: Aids Education

*Laser Videodisc*

**Thumbs Up For Kids: AIDS Education Program 1**

Ruby Petersen, a former "Romper Room" teacher, interacts with a small group of children about health, disease prevention and AIDS. The children learn about germs and the difference between the "AIDS germ" and a "cold germ." Songs, dance, rap tunes and visual effects help convey the message that AIDS is hard to get and that it's safe to play, share toys, and attend class with someone who has AIDS.

The program is presented in three segments to allow for discussion, and Ms. Peterson interprets the sing-alongs in American Sign Language.

**Come Sit By Me: AIDS Education Program 2**

Beautiful illustrations accompanied by a child's soft narration combine to tell this touching story about friendship and compassion while teaching young children about AIDS.

Karen is a young girl returning to school after summer vacation. One evening she asks her parents about AIDS. She tells them that other children aren't allowed to play with Nicholas, a new child in class, because he has AIDS. Their responses will help other youngsters and their care-givers

understand what AIDS is and that it cannot be contracted by playing with another child who has AIDS.

The program offers reassurance and promotes understanding and compassion towards those who have the virus.

Early Years, Ages 6 to 8  
31 minutes, order 1-75251-IN

#### Tobacco And Human Physiology

*Laser Videodisc*

In a university laboratory, Dr Mark Robinson explains the physiological effects of smoke on human bodies. He covers the effects of both smoke and smokeless tobacco.

Dr Robinson shows how the human respiratory system works and how it is damaged by the particulate matter in cigarette smoke. The severe problems caused by smoking are described including emphysema, cancer, and heart attacks. Effects of smoking on an unborn child are explained.

Ages 12-18, Adult, Post Secondary - Introductory  
22 minutes, order 1-98551-IN

#### The Turning Point (1941-1944)

*Laser Videodisc*

MacArthur leads the U S forces in the Pacific against Japan as Hitler declares war on America. Hitler's great losses on the Russian front mark the first turning point of the war. Eisenhower leads the allies to their first decisive victory. In Britain, U S

forces prepare for air attacks on Germany. Italy surrenders. America repels the Japanese invasion of Midway.

Adult, Ages 12-18  
23 minutes, order 1-98171-IN

#### Very Basic Economics

*Laser Videodisc*

The basics of economics are taught in a real-life context in this program. Travis holds two summer jobs to save up to buy his first car, and he learns that everything has some economic effect.

One of Travis's employers teaches him about the elements of want, resources, scarcity, choice, and opportunity cost as they relate to a car purchase. The other employer, who owns a restaurant, teaches Travis about the concepts of supply and demand, specialization, division of labour, competition, and the price mechanism. When he gets his first paycheck from the restaurant, Travis learns about pay deductions.

*This film presents an overview of macroeconomics; it is concise and informative, and appropriate for audiences of high school and college students as well as some new small business owners.*

Ages 12-18, Adult  
18 minutes, order 1-98231-IN



# Laser Video Disc Products

C A N A D I A N L E A R N I N G C O M P A N Y

## Learning Resources

### The Visitor

*Laser Videodisc*

State-of-the-art special effects and an original musical score highlight this powerful new dramatic film that focuses on human greed and treachery. Victims of an incurable disease called blood rust are exiled to a distant planet where they cannot contaminate others. When a spaceship brings another exile to the wretched quarantine encampment, colonist Saul Williams' wildest dreams come true. A new arrival, Leonard Mark, proves to have the mystical ability to recreate memories in the minds of others. Leonard's abilities are so powerful that he can virtually allow the exiles to experience being home on Earth again. Unwilling to share Leonard's gift with the other exiles, Saul takes steps that exact a heavy price.

Ages 12-18, Adult  
22 minutes, order 1-97901-IN

### Weather: Air In Action Series Laser Disc

*Laser Videodisc*

Weather - always changing, always moving. Two programs provide a thorough examination of weather in all its forms. Covered are such topics as the effect of temperature on weather, the different qualities and behavior of hot and cold air, the function of a barometer, the water cycle, the causes of winds, storms

and lightening, the rotation of the earth and its relation to weather, and the formation and types of clouds.

### Temperature, Pressure and Humidity

Solar energy, air, water and earth are explained, along with their effects on temperature and humidity. 14 minutes, order 1-8401

### Winds, Fronts and Storms

Described in detail are weather fronts, wind, clouds, tornados and hurricanes, and the various forms of precipitation. 16 minutes, order 1-8402

Available individually on VHS; both titles on one Level I Videodisc, or CD-ROM.

Ages 9 to 11, Ages 12 to 14  
30 minutes, order 1-75181-IN

### Weather: Air In Action Series Level Iii Hyperstax

*Laser Videodisc Level Iii Hyperstax*

Ages 9 to 11, Ages 12 to 14  
30 minutes, order 1-88015-IN

### The Wetlands

*Laser Videodisc*

Over 50% of North America's wetlands are already destroyed.

Learn the importance of wetlands, not only for conserving animal species, but for flood control and as a source of naturally purified water.

Also available in CD-ROM and VHS formats

Ages 9 to 11, Ages 12-18, Adult  
13 minutes, order 1-82341-IN

### William Randolph Hearst's San Simeon

*Laser Videodisc*

William Randolph Hearst built a communications empire that spanned the continent. His influence was felt through his newspapers, books, magazines, and motion pictures. A political "king maker," Hearst dreamed of one day occupying the White House himself. When his political career failed, Hearst built his own palace at San Simeon, on the California coast, and spent more on his home and furnishings than any American had ever done before.

This program tours Hearst's "castle," full of art treasures valued at more than fifty million dollars, examines his flamboyant lifestyle and insatiable spending, and assessing his powerful influence on American journalism and American society.

Ages 9 to 11, Ages 12-18, Adult  
24 minutes, order 1-41021-IN

### Winds Of Change (1912-1916)

*Laser Videodisc*

Lighthearted, prewar America contrasts with European unrest. The "unsinkable" *Titanic* is seen as a symbol of the modern age; the Bessemer Converter rapidly expands steel production and Henry Ford develops the assembly line. The assassination of Archduke Ferdinand starts World War I; trench warfare deadlocks the war until the introduction of the light

machine gun, the tank, and the airplane; submarines are used in the sea battle. Clips of Chaplin, Keaton, Will Rogers are juxtaposed with dramatic rare footage aboard the sinking *Lusitania*.

Also available in laser videodisc

Adult, Ages 12-18  
25 minutes, order 1-97531-IN

### Woodrow Wilson: Peace And War And The Professor President

*Laser Videodisc*

Woodrow Wilson enjoyed a distinguished and inspiring career as an intellectual and political leader. He was also a leader who is said to have led the country back to democracy's first principles...integrity, fairness, and responsibility.

This program explores the many corridors of Wilson's life; his years as a scholar and university president; his zealous reform politics; his Presidency during World War I; and his international crusade to create a structure to insure a permanent world peace. Most of the moments of his leadership...and of his times...are gathered in two Wilson homes: the Presbyterian Manse in Virginia's Shenandoah Valley, and the S Street house in Washington DC. Ages 12-18, Ages 9 to 11, Adult  
23 minutes, order 1-97441-IN



### Learning Resources

#### World Of Protozoa

*Laser Videodisc*

Life forms don't have to be complex to be beautiful and fascinating...that fact is clearly conveyed by this program, which concentrates on the unicellular organisms called protozoa. The various habitats of these tiny creatures are discussed. When a drop of pond water is studied under a microscope, they can clearly be seen moving and changing shape in the water. The program explains that all protozoa are alike in that they conduct life processes in a single cell. But, beyond that, protozoa come in every shape and form imaginable. Two types...amoebas and paramecia...are used to discuss the physical features, methods of movements, and reproductive processes common to many protozoa.

*Also available in CD-ROM and VHS formats*

Ages 12-18  
18 minutes, order 1-83801-IN

#### Worms And How They Live

*Laser Videodisc*

Study the way earthworms, branching worms and tubeflex worms eat, move and reproduce, plus how their natural behavior makes them highly valued by gardeners and farmers.

*Available in CD-ROM and VHS formats*

Ages 9 to 11, Ages 12 to 14  
16 minutes, order 1-82231-IN

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