

OAIMC/INFOhio Digital Titles September 2006

1914-1919 shell shock
 DV0001,DV Digital Video Disc
 JA 1999 1031
 The psychological damage inflicted by the bombardments of World War I was called shell shock, a term that aptly described the feelings of the World War I world. This program illustrates America's reluctant emergence as a world power and analyzes the social impact of the wholesale loss of life, of husbands and fathers and of sacred ideals such as honor, patriotism and glory that sprang from "the war to end all wars."

1920-1929 boom to bust
 DV0002,DV Digital Video Disc
 JA 1999 1031
 In the aftermath of World War I, many modern-minded Americans, particularly women, were eager to do away with outdated traditions and claim new rights and freedoms. This program investigates the culture of the roaring twenties—women's suffrage, prohibition, the exploration of the Antarctic, the Scopes trial, the establishment of the Ku Klux Klan, the new music called "Jazz", technological innovations and finally the stock market crash and the subsequent economic depression.

1929-1936 stormy weather
 DV0003,DV Digital Video Disc
 JA 1999 1031
 America, a nation that claimed ever increasing wealth as its birthright, was rudely awakened by the Great Depression which caused 25 percent unemployment, the closing of 9,000 banks, and the loss of \$2.5 billion in deposits. This program captures a people's struggle as they faced the collapse of prosperity and a diminished hope of being able to experience the American Dream.

1936-1941 over the edge
 DV0004,DV Digital Video Disc
 JA 1999 1032
 Safely watching Europe from across the Atlantic Ocean, many Americans observed the messianic popularity of Hitler and Mussolini and the subsequent outbreak of World War II with dismay. This program explores the six years preceding America's involvement in the war and explores the question: Could the U.S. have resisted involvement and why did American forces fight in another European war?

1941-1945 civilians at war
 DV0005,DV Digital Video Disc
 JA 1999 1031
 World War II was the first war in history that killed more civilians than soldiers, as leaders on both sides accepted noncombatant casualties as inevitable—and to some, even desirable. This program studies the courage and strength necessary to face and survive starvation, bombing,

torpedoing, massacre, and extermination in camps specifically designed for that purpose.

1953-1960 happy daze
 DV0006,DV Digital Video Disc
 JA 1999 1033
 The post-war baby boom, suburban living and Elvis Presley epitomize the contentment of the Eisenhower years. But these were also years marked by the Korean War, rabid McCarthyism, violent civil rights demonstrations, and a frightening escalation in the Cold War. This program probes the tensions between these crosscurrents in American history.

1960 - 1964 poisoned dreams
 DV0007,DV Digital Video Disc
 JA 1999 1031
 Beset by both international and domestic pressures, America during the Camelot years was swiftly approaching a political and cultural meltdown. This ABC News program anchored by Peter Jennings documents U.S.-Soviet conflicts of interest in Cuba and Vietnam and the growing polarization at home between civil rights activists and segregationist hard-liners, which resulted in the Birmingham riots and the freedom march on Washington, D.C.

1965-1970 unpinned
 DV0008,DV Digital Video Disc
 JA 1999 1031
 Riots and protests intensified in the U.S. as the war in Vietnam dragged on, with anti-war and civil rights activists seeking violent ways to agitate for peace and equality. This program presents the unrelenting rage that divided the nation during those perilous years, as the Watts race riots, the assassinations of Martin Luther King and Robert Kennedy, and the Kent State killings made headline news.

19th century turning points in U.S. history. : Volume 1, 1800-1813
 DV0180,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 2, 1814 - 1826
 DV0181,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 3, 1827-1846
 DV0182,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 4, 1846-1860
 DV0183,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 5, 1861-1865
 DV0184,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 6, 1866-1870
 DV0185,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 7, 1871-1881
 DV0186,DV Digital Video Disc
 2002 AMBROSE

19th century turning points in U.S. history. : Volume 8, 1882-1898
 DV0187,DV Digital Video Disc
 2002 AMBROSE

20th century turning points in U.S. history : Program eight: 1973 - 1999
 DV0188,DV Digital Video Disc
 2005 1067
 "20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or as focused support for specific study areas."—Container insert.

20th century turning points in U.S. history : Program five: 1944 - 1952
 DV0189,DV Digital Video Disc
 2005 1067

20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or as focused support for specific study areas.

20th century turning points in U.S. history : Program four: 1929 - 1943

DV0190,DV Digital Video Disc 2005 1067
 20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or as focused support for specific study areas.

20th century turning points in U.S. history : Program one, 1900-1907

DV0191,DV Digital Video Disc 2005 1067
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20th century turning points in U.S. history : Program seven: 1964 - 1973

DV0192,DV Digital Video Disc 2005 1067
 "20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or

as focused support for specific study areas."—Container insert.

20th century turning points in U.S. history : Program six: 1953 - 1963

DV0193,DV Digital Video Disc 2005 1067
 "20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or as focused support for specific study areas."—Container insert.

20th century turning points in U.S. history : Program three: 1919 -1928

DV0194,DV Digital Video Disc 2005 1067
 "20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into chapters, with each volume functioning as either a full-length program or as focused support for specific study areas."—Container insert.

20th century turning points in U.S. history : Program two: 1908 - 1918

DV0195,DV Digital Video Disc 2005 1067
 "20th Century Turning Points in U.S. History is an eight-part series designed to provide a clear overview of the people and events that distinguished the 20th century at specific points in time that were significant pivotal points in history. Rare archival footage and photographs, authentic recordings, and other primary source documents bring history to life, while stunning graphics and engaging narration lend context and clarity to the subject. The series has been developed specifically for classroom use. It is organized around established standards and thoughtfully divided into

chapters, with each volume functioning as either a full-length program or as focused support for specific study areas."—Container insert.

The Amazing universe

DV0155,DV Digital Video Disc IJ 2003 VISLEAR
 Concepts and vocabulary conveyed in the programs include: constellations, spiral galaxy, elliptical galaxy, barred spiral galaxy, light-year, apparent magnitude, nebula, white dwarf, giant star, neutron star, supernova, prominence, sunspot, solar flare, meteor, crater, and comet. .

Ancient Rome : a journey back in time

DV0009,DV Digital Video Disc IA 1998 AMBROSE
 A complete history of ancient Rome, using the latest in computer animation, authentic filmed recreations, period imagery and location footage. Learn how Caesar Augustus "Found it a city of brick and left it a city of marble." See how power seized by the good was corrupted by those who inherited it. View the structures, still standing today, where gladiators fought, Christians died and law was developed. Recognize the many contributions of Ancient Rome, as the foundation of our Western Civilization.

And then what happened, Paul Revere?

DV0010,DV Digital Video Disc PI 1997 0990
 Paul Revere comes to life in this meticulously detailed story of what he did before, between and after his patriotic adventures.

Animal nonfiction with Evelyn Gallardo

DV0011,DV Digital Video Disc IJ 2001 FILMID
 Animal nonfiction author Evelyn Gallardo shares her passion for primates and teaches children her field secrets for photographing and writing about animals. They learn the three basic rules for creating eye catching photographs, how to research their subject, and the secrets of great layout and design. After viewing, children will have learned how to create their own photo-illustrated book about an animal.

Anne Frank : just a diary

DV0012,DV Digital Video Disc JA 1987 FILWEST
 In "Just a Diary" the life story of Anne Frank is told from the perspective of a 17-year-old Dutch girl. She played the part of Anne in a recent stage performance about this Jewish girl who's fate became so well known all over the world. From her dressing room in the theatre she tells her feelings about Anne Frank followed by one of the main scenes of the play. The program continues with historical film material, images of the place

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where the Frank family hid during the war and photographs taken from their family album. In 25 minutes the whole life background of Anne Frank is told: the rise of Hitler, the persecution of the Jews, the occupation of the Netherlands and what happened in the concentration camps of the Nazis.

Aquatic biomes

DV0013,DV Digital Video Disc
EJG 2002 1031
This program introduces students to a variety of the world's aquatic biomes. The characteristics of saltwater and freshwater environments are clearly described, as are the plants and animals that call these watery regions home. The importance of evolution and adaptation for aquatic species is emphasized.

Archaeology

DV0014,DV Digital Video Disc
IJ 1997 0973
Bill digs into the fascinating science of archaeology, the study of those who lived before us. Plus, Home Improvement's Richard Karn drops by to check out some ancient "Tool Time" style artifacts, and the music video is "We're Digging," a parody of Bob Marley's "We're Jammin'."

Atoms

DV0015,DV Digital Video Disc
I 1997 0973
Describes atoms and their presence in energy and matter. Offers related experiments.

Autumn : legend of the first Thanksgiving

DV0016,DV Digital Video Disc
PI 2002 FILWEST
As the leaves are falling, we hear the story of how Raven tricked the other animals into providing a great feast before winter arrives. Harvest, Thanksgiving or Potlatch, the feast tradition carries on for all animals, including humans. In this story, we witness the details of how animals prepare for winter.

Balance

DV0017,DV Digital Video Disc
IJ 1995 0973
Bill Nye's the center of attention when he talks about the center of gravity and its effect on balance. The music video parody "Balance This" is performed to "Get off This" by hit group Cracker.

Beginning math vocabulary

DV0140,DV Digital Video Disc
EPIGA 1998 1055
Presents vocabulary words that are used to describe quantities of objects and amounts of time. Also explains what a pair is, how to put things in order, and how to recognize when objects are alike or different.

Biologically speaking : living cells

DV0018,DV Digital Video Disc
IJ 2002 0975
Spectacular microphotography reveals living cells, the activity of which biology students rarely have the opportunity to appreciate, since they routinely examine cells that have been killed, fixed, and mounted on microscope slides. The variety of tools and techniques available to the laboratory research worker are clearly explained. Students observe the internal movements of cell components, the movements of the cell surface, and, in some cases, the active movement of the entire cell.

Blood & circulation

DV0019,DV Digital Video Disc
IJ 1995 0973
Bill Nye becomes a real heartthrob when he talks about the not so wimpy organ, the heart. Valves, blood cells and the circulatory system work together to pump it up ... the heart that is. The parody of the B52's "Love Shack" entitled, "Blood Stream" shows how exercise keeps the beat and rhythm flowing, baby.

Bloodborne pathogens for school bus drivers : the route to safety

DV0150,DV Digital Video Disc
A 1998 1008
It's important to protect the lives of children while transporting them to and from school. This program will help ensure that bus drivers understand standard precautions that can prevent the spread of bloodborne diseases.

Bones and muscles

DV0020,DV Digital Video Disc
J 2003 VISLEAR
Explores the major characteristics of the skeletal and muscular systems. Discusses the different types of joints and gives examples of how we use our joints. Terminology and concepts presented include: tissue, periosteum, compact bone, marrow, calcium, cartilage, immovable joints, spongy bone, vertebrae, muscle fibers, skeletal muscle, smooth muscle, cardiac muscle, and involuntary muscle.

Bones and muscles

DV0021,DV Digital Video Disc
IJ 1994 0973
What's the deal with this joint? Oh, it's the bones and muscles show! The Science Guy is breaking all traditions, to show you how bones and muscles support, protect, and move our bodies. It's a prosthetics party, but what's the deal with that Bone Boy guy?

The Boyhood of Abraham Lincoln

DV0022,DV Digital Video Disc
PI 1980 1068
Filmed in an authentically reconstructed village and his home in Rockport, Indiana. This program recreates Kentucky born Lincoln's boyhood of near poverty and long hours of hard work. Encouraged by his stepmother in his desire for learning, Lincoln developed early those qualities of honesty, responsibility, humor and a capacity for hard work which were to make him a great president.

The Boyhood of George Washington

DV0023,DV Digital Video Disc
EGA 1992 0982
As a good Virginia farmer of Mt. Vernon, George Washington looks back and retells his early years. He grew up on his half-brother's Mt. Vernon estate and reached young manhood as a member of the expedition for opening up the Shenandoah Valley. Out of his young years as farmer, surveyor and soldier, came the qualities that enabled Washington to lead troops, withstand great hardships and govern a new Nation.

Brain & nervous system : your information superhighway

DV0024,DV Digital Video Disc
JA 1999 1031
Defines and explains the brain and nervous system with an emphasis on how they enable us to perform everyday activities. Comparisons to computers and the Internet help the viewer understand the mechanics and functions of the brain and nervous system.

Bridge to Terabithia

DV0025,DV Digital Video Disc
IJ 2003 FILMID
This program focuses on a panel of middle school students as they discuss the book Bridge to Terabithia's major characters, its themes, and how the book has affected their lives. Students gain a greater understanding, appreciation and enjoyment of this book by following the discussion of the book.

Buoyancy

DV0026,DV Digital Video Disc
IJ 1995 0973
Bill Nye takes to the sky in a hot air balloon, and goes Scuba diving in the Seattle Aquarium to explain why objects like boats, helium and balloons are buoyant.

The Calendar : how to use it

DV0027,DV Digital Video Disc
P 2000 HIGGIN

Because Brandon doesn't know how to use a calendar, he arrives a day late for the championship soccer game. With the help of the Calendar Kid, who explains the basic principles of the calendar, and a musician, who sings about it, Brandon learns how calendars help us keep track of the various holidays and special days, as well as understand the relationship of days, weeks and months to one another.

The Cell

DV0157,DV Digital Video Disc
IJ 2001 VISLEAR

Terminology and concepts examined in this video include: cell theory, organelles, cell wall, cell membrane, cytoplasm, mitochondria, ribosomes, vacuole, nucleus, chromosomes, and lysosomes.

Cell processes

DV0156,DV Digital Video Disc
IJ 2001 VISLEAR

Terms and concepts covered in this video include: metabolism, aerobic respiration, anaerobic respiration, diffusion, osmosis, active transport, passive transport, mitosis, meiosis, asexual reproduction and sexual reproduction, and fermentation. .

Charts, graphs and diagrams

DV0135,DV Digital Video Disc
P 1998 1020

Explains what charts, graphs, and diagrams are and how these mathematical tools can help viewers easily interpret data and directions. Demonstrates how to create and use bar graphs, line graphs, pie graphs, charts, tables, and diagrams to compile information.

Chemical reactions

DV0028,DV Digital Video Disc
EISGA 1995 0973

Guest star Candace Cameron shares the lab with Bill Nye the Science Guy and shows that fire is a chemical reaction. Together, they extinguish a "tornado of fire."

Circulation and respiration

DV0029,DV Digital Video Disc
J 2003 VISLEAR

The way blood vessels transport blood throughout the body is explained through animations. The importance of monitoring the cardiovascular system and modern methods of doing so are also discussed. The features of blood are examined in detail. Terminology and concepts presented include: cardiovascular system, blood vessel, artery pulse, vein, aorta, septum, atrium, ventricle, capillaries, pulmonary circulation, systemic circulation, coronary circulation, blood pressure, sphygomomanometer, plasma,

red blood cells, white blood cells, platelet, blood clot and alveoli.

Circulatory system : the plasma pipeline

DV0030,DV Digital Video Disc
JA 1999 1031

This program explores the circulatory system's important roles in transportation, purification, and regulation. Topics covered include the structure and function of the heart; the role of blood as a connective tissue; arteries, veins, and the flow of blood; the functions of red and white blood cells, platelets, and plasma; the lymphatic system; and the importance of maintaining a healthy circulatory system.

Clouds and patterns of the weather

DV0031,DV Digital Video Disc
PI 2002 AIMS

Cloud types and patterns have long been used to predict the weather. Even with today's space age technology, meteorologists rely heavily on interpreting the images of cloud patterns provided by orbiting satellites. This program reviews how clouds are formed, illustrates different types of clouds, and explains what these different types indicate in terms of weather patterns.

Colonial America

DV0032,DV Digital Video Disc
IJ 2001 LANDMK

11 year old Oliver Mayhew describes life in Colonial America during the 1770s.

Colonial times

DV0147,DV Digital Video Disc
IJG 1999 100EDV

Provides an educational journey back to Colonial America to experience life in the thirteen colonies. Filmed on location in historic restorations in York, Philipsburg Manor, Philadelphia and Colonial Williamsburg, this program interviews colonists at each site who describe colonial life. Presents facts about educational practices, schools, government, crime and punishment, food, and social life. Explores the different types of industry and how those industries helped to define the lifestyle of the colonists. Also defines the events leading the American Revolution.

The complete history of U.S. wars / : Program eight, the police wars

DV0196,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program five, the imperial wars

DV0197,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program four, the Civil War

DV0198,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program one, wars for continent

DV0199,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program seven, the cold war

DV0200,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program six, the global wars

DV0201,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program three, manifest destiny wars

DV0202,DV Digital Video Disc
2004 AMBROSE

The complete history of U.S. wars / : Program two, The revolutionary War

DV0203,DV Digital Video Disc
2004 AMBROSE

Current electricity

DV0158,DV Digital Video Disc
IJ 2000 VISLEAR

Concepts and terminology covered in the video include: electrical potential difference, battery, circuit, voltage, current, generator, ampere, resistance, Ohm's law, direct current, alternating current, series circuit, electrical power, parallel circuit, circuit breaker, and fuse.

The Declaration of Independence

DV0033,DV Digital Video Disc
PJ 2003 FILMID

This early symbol of America is the cornerstone for our ideals of life, liberty and the pursuit of happiness; the foundation of our democratic nation. "Symbols" and "rights" are defined and discussed. This program places the Boston Tea Party, the Continental Congress, Samuel Adams, Thomas Jefferson, and the French and Indian War in the context of the writing of the Declaration of Independence.

Defensive driving for school bus drivers

DV0151,DV Digital Video Disc
A 2001 1008

This program covers the 3 A's of defensive driving - attitude, awareness and action - and shows how your bus drivers can put them to work to avoid catastrophic accidents.

Descriptive Writing

DV0034,DV Digital Video Disc
IJ 1999 AIT
Students are challenged to approach a writing assignment in a different way. Strategies for organizing information and structuring personal schedules to complete the assignments are depicted. The Writing Club is assigned to find a place and to describe it so that the readers will feel as if they have been there.

Desert biomes

DV0035,DV Digital Video Disc
JA 2002 1031
By comparing and contrasting arid and semi-arid regions, this program provides students with a balanced picture of what the Earth's desert biomes are like. The program also investigates how the few plants and animals that inhabit these ecosystems survive the extreme temperatures and severe lack of water that characterize the desert environment.

Digestion

DV0037,DV Digital Video Disc
IJ 1995 0973
Bill Nye explains to viewers how the body's digestive system is like a fine-tuned machine that processes food into energy. Bill demonstrates the process with a steam engine that runs on corn flakes.

Digestion and excretion

DV0036,DV Digital Video Disc
J 2003 VISLEAR
Categories of nutrients are summarized using common everyday examples of the foods we eat. Graphic demonstrations are used to illustrate the organs and the process of digestion and excretion of waste. Terminology and concepts presented include: nutrients, proteins, amino acids, carbohydrates, vitamins, stomach, mechanical digestion, chemical digestion, ingestion, esophagus, peristalsis, small and large intestines, excretion, nephrons and kidneys.

Digestive system : your personal power plant

DV0038,DV Digital Video Disc
JA 1999 1031
This program examines the remarkable conversion process involved in digestion. Segments include the digestive system compared to a resource recovery plant; the process of energy conversion in the body; structure and function of the organs of the digestive system; the role of enzymes; and maintaining a healthy digestive system.

Early explorers : the age of discovery

DV0146,DV Digital Video Disc
PI 2004 100EDV
A young boy learns about the early explorations of the New World. Outlines the discoveries of important explorers, including Leif Eriksson,

Marco Polo, Christopher Columbus, John Cabot, Amerigo Vespucci, Vasco Nunez de Balboa, Ponce de Leon, Hernando Cortes, Ferdinand Magellan, Giovanni da Verrazano, Francisco Pizarro, Jacques Cartier, Hernando de Soto, Francisco Vasquez de Coronado, and Juan Rodriguez Cabrillo.

Early settlers : the era of colonization

DV0148,DV Digital Video Disc
PI 2004 100EDV
Documents the significant events in the colonization and settlement of North America. Combines animation and historical reenactments to portray the first European settlement on Roanoke Island, the voyage of the Mayflower, and the establishment of colonies throughout New England and the South. Depicts the social life and customs of colonial America, describing the politics, economy and diverse cultures of the colonists who settled in this new land.

Earth, sun, and moon

DV0159,DV Digital Video Disc
IJ 2003 VISLEAR
Concepts and vocabulary covered in the program include: axis, rotation, revolution, compass, auroras, northern lights, magnetic field, summer solstice, autumnal equinox, winter solstice, spring equinox, moon, waxing, waning, full moon, new moon, first quarter, and last quarter. .

Earthquakes : quake, rattle & roll

DV0039,DV Digital Video Disc
IA 1996 0988
Earthquakes occur where plates slide past each other in a sudden jolt. The built-up pressure is suddenly released in a series of waves, like ripples in a pond. Students learn what causes earthquakes, how to locate the epicenter and focus. Live action footage brings the experience of a major quake home with hard-hitting reality.

Earth's crust

DV0040,DV Digital Video Disc
IJ 1995 0973
Actress Jenna von Oy ("Blossom") guest stars in this episode, which finds Bill Nye going to the depths of the earth (literally) to explain how the Earth's surface and its inner mantle differ.

Effective teaching with classroom videos

DV0139,DV Digital Video Disc
P 2003 1020
Provides a teacher workshop on how to use videos effectively in the classroom. The first segment explains why visual aids are an important element of education and presents the fundamental concepts of visual learning. The second segment describes how best to use media programs in the classroom. Discusses how to choose

effective visual aids that support curriculum content standards and enhance lessons. The third segment features representatives from the University of San Diego who define the professional development course currently being offered for graduate level study and USD's partnership with 100% Educational Videos to offer this material to teachers.

Electrical current

DV0041,DV Digital Video Disc
IJ 1995 0973
Get amped up when Bill Nye the Science Guy gets a charge explaining watts up with electricity. Learn how electricity makes the world a brighter place. This program's music video is a parody of "Achy Breaky Heart" by Billy Ray Cyrus, entitled "AC/DC Charge."

Energy

DV0042,DV Digital Video Disc
IJ 2000 VISLEAR
This program, using everyday examples, explains the five main forms of energy and how to differentiate between them.

Energy, there are better ways

DV0043,DV Digital Video Disc
PI 1997 LANDMK
A search for energy takes Albert to fossil fuel and nuclear power plants to observe the positive and negative aspects of using, producing, and cooling energy. A look at conventional and alternative energy sources. Is coal more than just the sun's energy in a prehistoric package? Is energy a breeze? Can solar cells sell? How can you cut down on our energy consumption?

Flight

DV0044,DV Digital Video Disc
IJ 1995 0973
With the help of his team of young scientists, and some common household items, Bill Nye demonstrates how airplanes, birds and helicopters create differences in air pressure to develop life for flying. The show will feature "Smells Like Teen Spirit."

Force and Newton's laws

DV0045,DV Digital Video Disc
IA 2000 VISLEAR
This program illustrates the principle of force and the application of Newton's three laws of motion.

The Founding of our federal government

DV0136,DV Digital Video Disc
PI 2004 1020
Studies the history of the United States government and identifies the people involved in developing a new government based on freedom and democracy. Examines the Declaration of Independence, the Constitution, and the Bill of Rights. Explains the three branches of government as it operates

today and the role of the legislators in representing all Americans.

Fundamentals of genetics

DV0160,DV Digital Video Disc
IJ 2005 VISLEAR
Important terminology and concepts conveyed in this video include: probability, inheritance, Punnett Square, alleles, homozygous alleles, heterozygous alleles, dominant trait, recessive trait, genotype, phenotype, and hybrid.

Germ

DV0046,DV Digital Video Disc
IJ 1995 0973
Bill's knowledge on the subject of germs is positively contagious! Using foam models, the Science Guy illustrates the various types of germs and how they function. The recurring character, "Mama Crust" motivates kids to brush their teeth, wash their hands and cut way back on picking their noses. "Way Cool Scientist" Carol Coombs, an Environmental Health Specialist, inspects a restaurant for germs. A music video parody titled "Just Wash Your Hands," sung to the tune of "Don't Turn Around" by Ace of Base is one "catchy" tune.

Giving thanks : a Native American good morning message

DV0047,DV Digital Video Disc
PI 1993 0990
Known as the Thanksgiving Address, this program presents a Mohawk prayer celebrating the beauty, bounty and resources of the Earth. Narrated in both English and the Mohawk language.

The Glory trail : Sacagawea

DV0048,DV Digital Video Disc
J 2000 FILWEST
Oliver and Dee enlist the help of Sacagawea in helping them expose a refinery that is surreptitiously polluting a river. After overcoming numerous challenges and dangers on the expedition, Sacagawea helps Dee to realize that receiving credit for one's deeds is not as important as the act itself.

Grassland biomes

DV0049,DV Digital Video Disc
JA 2002 1031
This program can help students learn to identify the climates, life-forms, and behavioral adaptations that go with each type of grassland biome. Factors that threaten the survival of these habitats' distinctive animal communities—and of the ecosystems themselves—are also addressed.

Great Lakes region

DV0050,DV Digital Video Disc
PI 1998 FILMID
Presents on-location photography and computer graphics to provide a stimulating overview of both the history and the geography of the

Great Lakes region of the United States.

Great pyramids

DV0051,DV Digital Video Disc
IA 1998 AMBROSE
This program takes viewers on a visit to the burial sites of the mighty Pharaohs of Egypt, one of the most awe-inspiring sights in the world. The Program provides a glimpse of Egyptian culture.

Harriet's path : Harriet Tubman

DV0052,DV Digital Video Disc
J 1999 FILWEST
Oliver anticipates the thrill of victory when he enters an orienteering race, but when his team of an unassuming Harriet Tubman, Dee and a quiet brother and sister pair shows up, he assumes the agony of defeat. Desperate to prove to his father that he can excel at physical pursuits, Oliver takes on a "win at all costs" mentality, losing not only his friends but also his way until Harriet guides him to understand that everyone has worth.

Heredity

DV0161,DV Digital Video Disc
IJ 2005 VISLEAR
Terminology and concepts discussed in the video include: Gregor Mendel, traits, inheritance, genes, dominant, and recessive. .

A History of black achievement in America. Vol. 1, Program 1: settling the new world and founding the United States of America

DV0168,DV Digital Video Disc
JA 2005 AMBROSE
This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 1, Program 2: emergence of the black hero

DV0169,DV Digital Video Disc
JA 2005 AMBROSE
This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 2, Program 3: the fight for freedom

DV0170,DV Digital Video Disc
JA 2005 AMBROSE
This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 2, Program 4: Blacks enter the gilded age

DV0171,DV Digital Video Disc
JA 2005 AMBROSE
This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their

achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 3, Program 5: the foundation for equality

DV0172,DV Digital Video Disc
JA 2005 AMBROSE

This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 3, Program 6: depression and war

DV0173,DV Digital Video Disc
JA 2005 AMBROSE

This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold

story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 4, Program 7: civil rights

DV0174,DV Digital Video Disc
JA 2005 AMBROSE

This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

A History of black achievement in America. Vol. 4, Program 8: a new age

DV0175,DV Digital Video Disc
JA 2005 AMBROSE

This program documents black achievement in American history, its defining role in the growth of a country, and influence on current events. Presented by James Avery, the program highlights the many contributions of Blacks that have influenced our culture, enriched society with their achievements, and shaped the history of the United States. It's one of the least known stories in American history. It is the story of black achievement and accomplishment. Against all odds, American blacks have built their own institutions: families, schools, churches and businesses. Against all odds, American blacks have created great art and science and fought heroically in every American war. Against all odds, black men and women have worked endlessly to secure their own freedom and equality. The untold story of blacks in America is a 350-year saga of incredible achievements. This is that story.

The Holidays of Fall

DV0053,DV Digital Video Disc
PI 1996 LUCERNE

Program illustrates traditions, origins, and activities related to holidays of the fall season and includes Columbus Day, Halloween, Veterans Day, Election Day, Thanksgiving and more.

The Holidays of Spring

DV0054,DV Digital Video Disc
PI 1996 LUCERNE

Program is a multicultural look at the traditions, origins, and activities associated with seasonal holidays. This video includes Easter, Passover, Memorial Day, Arbor Day, Mother's Day, Father's Day and more.

The Holidays of Winter

DV0055,DV Digital Video Disc
PI 1996 LUCERNE

This multicultural program acquaints children with major holidays and special days during the winter season which are celebrated by various groups in the U.S.

How much is a million?

DV0056,DV Digital Video Disc
PI 2000 0990

With the help of Marvelosissimo the Mathematical Magician and Steven Kellogg, the concepts of a million, a billion, and a trillion are explained.

How our economy works. : all about earning and spending money / 1

DV0137,DV Digital Video Disc
EPIGA 2004 1020

Explores the economic concepts of goods and services, production and earnings, and income and expense. Explains how people work to earn money to provide for their needs and how consumers spend money for products and services. Teaches how the country's economy is modeled on the free enterprise system.

How the USA grew : from 13 colonies to 50 states

DV0149,DV Digital Video Disc
IJG 2001 100EDV

Documents the expansion of the United States from thirteen colonies to fifty states. Discusses the events that shaped the boundaries of the United States, including the Revolutionary War, the Northwest Ordinance, the Louisiana Purchase, the Mexican War, the Gadsden Purchase, the Purchase of Alaska and the treaty to make Hawaii a United States territory. Also discusses the significance of our nation's capital and the symbolism of the American flag.

Images of liberty

DV0057,DV Digital Video Disc
PI 2002 FILMID

Two famous American symbols synonymous with freedom, and both made of steel and copper, proudly share liberty as part of their name. One was made by a bell maker in England while the other was created by a young sculptor from France. A chime that changed the world occurred on July 8, 1776, when the Liberty Bell rang out from the tower of Independence Hall summoning citizens to hear the first public reading of the Declaration of Independence.

OAIMC/INFOhio Digital Titles September 2006

One hundred and ten years later the French, as a gift of friendship, gave the Statue of Liberty to the United States. Since its unveiling in 1886, this grandiose American symbol has greeted freedom seeking immigrants from around the world. Today, both of these European made relics continue to faithfully celebrate the principles of American freedom and liberty.

Insects

DV0058,DV Digital Video Disc
IJ 1995 0973

Why aren't there giant insects? Get bugged-out and antsy as Bill Nye explores the mysterious world of insects. Bill talks to special guest Queen Latifah, who's abuzz about her other favorite Queens ... bees. The lab kids go exploring at an insectorium and go digging for insect fossils. "Insect Behavior" is this program's music video parody to Bjork's "Human Behavior."

Johnny Appleseed

DV0059,DV Digital Video Disc
PI 2003 FILMID

This program tells the story of Johnny "Appleseed" Chapman. People said he was the kind of person everybody liked, including the animals of the forest. With a frying pan on his head and his pockets bulging with apple seeds, he left his home in New England and headed West. Along his journey, he took time to plant those apple seeds and soon spread the word about a man who was responsible for all those apple orchards. A legend about the man who lived for all others.

Julie of the wolves

DV0060,DV Digital Video Disc
IJ 2003 FILMID

This program focuses on a panel of middle school students as they discuss the book Julie of the Wolves' major characters, its themes, and how the book had affected their lives. Students gain a greater understanding, appreciation and enjoyment of this book by following the discussion of the book.

Keeping a nature journal

DV0061,DV Digital Video Disc
IJ 2001 AIT

In this program Cassie learns to use precise modifiers to describe details and interesting verbs to depict action. Tips for making a journal lively and useful are shown.

Learning about money

DV0138,DV Digital Video Disc
EPIGA 2004 1020

Explores the different denominations of money and explains how to identify the value of coins and paper money. Visits a mint in the United States to discover how coins are made. Examines different currencies used in countries around the world and

explores the concepts of barter and exchange.

Learning about sorting and grouping

DV0143,DV Digital Video Disc
EPIGA 2004 1020

Explores the concepts of similarities and differences in relation to sorting or classifying objects into groups. Illustrates how to group objects according to one attribute and multiple attributes. Explains how to use the senses to help sort objects by shape, texture, size, color and mass.

Learning from the holocaust

DV0062,DV Digital Video Disc
PJ 2000 AIT

Join the Presidential Classroom Scholars as they visit the National Holocaust Museum. Meet survivors of the Holocaust, an Israeli expert on civil rights, and officials from the German Embassy and the U.S. State Department.

Learning to use a calendar

DV0144,DV Digital Video Disc
EPIGA 1998 1020

Designed to help children identify the relationship of the calendar to the day, week, month, and year. Explains the changing seasons in relation to the revolution of the Earth, the moon, and the earth around the sun. Teaches the continuity of time, how to read a calendar, and how events such as holidays can be predicted. Demonstrates how to use fingers to remember the number of days in each month and concludes with a song about the twelve months of the year.

Learning to use graphs

DV0142,DV Digital Video Disc
EPIGA 2004 1020

Illustrates how graphs use pictures, shapes and colors to organize information. Explains how to read and interpret data from graphs, bar graphs, and pictographs. Illustrates how different graphs are used to represent a variety of information.

The Legislative Branch

DV0063,DV Digital Video Disc
IJ 2004 RAINBOW

The authors of the Constitution established Congress, the Legislative Branch of the Federal Government. Congress is an arena for expressing opinions, agreeing, disagreeing, and for compromise. Controversy is also oftentimes a part of this branch as seen during the Clinton impeachment proceedings. In spite of this, no president can effectively govern without the support of Congress. This program examines the role of Congress, its organization, powers and responsibilities, and requirements to serve.

Lexington, Concord and Independence

DV0064,DV Digital Video Disc
IA 2000 0975

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

Magnetism

DV0065,DV Digital Video Disc
IJ 1995 0973

In this attracting and not too repelling program, Bill Nye shows all kinds of unexpected places where magnets can be found. In fact, the Earth is a huge magnet! Find out how to make a compass and why opposites attract.

Martin's big words : the life of Dr. Martin Luther King, Jr.

DV0066,DV Digital Video Disc
PI 2002 0990

Looks at the life of Dr. Martin Luther King, Jr., explaining his work to bring a peaceful end to segregation.

McGruff on Halloween

DV0067,DV Digital Video Disc
PI 1990 0975

McGruff gives kids plenty of tips that will make Halloween both safe and fun.

Measuring in science

DV0162,DV Digital Video Disc
IJ 2005 VISLEAR

Important concepts and terminology covered in this program include: measuring length, mass, volume, and temperature, balance, metric system, meter stick, graduated cylinder, beaker, water displacement, density, and Celsius.

Memphis dreams : Searching for the promised land

DV0130,DV Digital Video Disc
JA 2002 1031

This ABC News program, anchored by Peter Jennings, reveals the tragic story of the African-American experience, documenting the brutal reality of slavery, the milestones in the heroic struggle for fundamental rights and self-esteem, and the killing of America's greatest civil rights leader. When will the United States finally move beyond issues of race and ethnicity?

Molly's pilgrim

DV0068,DV Digital Video Disc
EIJSGA 1985 1069
This is the story of how a young Russian Jewish immigrant girl gains acceptance among her American classmates by reinterpreting the meaning of Thanksgiving. Given a class assignment to make a doll based on a Thanksgiving pilgrim, Molly learns all about pilgrims in order to make the doll. When she has trouble completing it, her mother tells her she'll finish it for her; making the doll resemble a Russian immigrant woman. Embarrassed by the doll, Molly is reluctant to share it in class. The teacher helps Molly and the class see that the pilgrim really does represent Thanksgiving. Molly wins her classmates approval in a profound way, by likening her background to that of the original pilgrims.

The Moon

DV0069,DV Digital Video Disc
IJ 1995 0973
Learning about Earth's natural satellite is an out of this world experience as loony Bill Nye illuminates the orbit and phases of the moon. The show features an interview with Harrison Schmitt, the last astronaut to walk on the moon.

Motion

DV0070,DV Digital Video Disc
IA 2000 VISLEAR
This program demonstrates the basic concepts of speed and velocity through snow boarding, driving a race car, and observing athletes in action.

Muscular system : the inner athlete

DV0071,DV Digital Video Disc
JA 1999 1031
This program looks at the many important roles played by the muscle and skin in our everyday lives. Includes muscles and movement; types of muscle contraction and movement; muscles and posture; homeostasis and the integumentary system; and the functions of skin, hair, nails, and glands.

The Mysterious case of the Periodic Table of the Elements

DV0072,DV Digital Video Disc
PI 2000 LANDMK
An animated character, Sherlock Olmos, uses his detective skills to solve the mysterious case of how the Periodic Table of the Elements is structured. He investigates this scientific knowledge, including the electrons, valences, and the physical and chemical properties of some elements with a touch of humor.

Nervous and endocrine system

DV0073,DV Digital Video Disc
J 2003 VISLEAR
The three main types of neurons and how they travel through the nerve network in the body are discussed.

Key elements of the functioning of the endocrine system, hormones and glands, are examined. Terminology and concepts presented include: stimuli, response, neuron, nerve impulse, sensory neuron, motor neuron, interneuron, effector, synapse, central nervous systems, senses, hormone, adrenal glands, and adrenaline.

No man's land : the great war

DV0131,DV Digital Video Disc
JA 1999 1031
The optimism that fueled the early years of the 20th century vanished as America was drawn into "The War to End All Wars." This program presents the grim story of World War I, including the Bolshevik revolution, which led to Russia's withdrawal from the conflict, and the fruitless struggles of President Wilson, who sought first to keep America out of the war and then, at its end, to forge a lasting and meaningful peace.

Observations and data

DV0163,DV Digital Video Disc
IJ 2005 VISLEAR
Terminology and concepts covered in this program include: observation, senses, measuring, instruments, data, recording, data table, data analysis, and graphing.

Ocean life

DV0074,DV Digital Video Disc
IA 1995 0973
The Science Guy knows everyone who's anyone on the ocean's food chain, from the tiny, meek species at the bottom, all the way to the large, nasty species at the top. Bill goes underwater to talk about ocean ecosystems and the importance of small organisms such as coral, plankton and kelp. Amazingly, huge whales get enough of these little critters to subsist by straining thousands of tons of sea water through their mouths. Marine biologist Karen Montano takes a troop of kids to explore tide pools, which she calls "nurseries of the sea," and meet the water creatures living in these shallow pools. The music video segment is an original composition, "Plankton's the Source" performed with a James Brown flavor by Al G. and the Planktones, the hardest working band in the sea.

Oceans, save the wave

DV0075,DV Digital Video Disc
PI 1997 LANDMK
The Oceans...the Earth's largest ecosystem, the source of the origins of life and the world's central heating system. Albert surfs the waves, talks to whales, and rides his dolphin friend in this nautical documentary drama. The dolphin introduces him to the hidden treasures of the ocean. It's a fish eat fish world out there, until they witness the technology used to catch fish...drift nets, sonar systems, underwater vacuum cleaners, and enormous factor ships. Albert decides

to stow away and reveals the facts behind the over-fishing of the ocean. A third of all fish caught is fed to animals! Some seas are dying, as people dump sewage and chemicals into them!

The Ohio River

DV0076,DV Digital Video Disc
IJ 2001 FILMID
Overview of the Ohio River: source, geography, geology, history, ecology, environment.

The Origin and evolution of Halloween

DV0077,DV Digital Video Disc
JA 1997 FILWEST
This provocative documentary traces the origins of Halloween from the Druids through the advent of Christianity and the medieval witch craze, to present day. Connecting past with present, modern day scholars, artists and witches offer insight, drama and spectacle as they present their interpretation of our scariest of holidays, Halloween.

Our flag is more than a symbol

DV0078,DV Digital Video Disc
PI 2002 HIGGIN
In this program students learn the symbolism of our flag's design; how its development parallels the history of our nation; and our flag etiquette.

Persuasive writing

DV0079,DV Digital Video Disc
IJ 1999 AIT
Students are challenged to approach a writing assignment in a different way. Strategies for organizing information and structuring personal schedules to complete the assignments are depicted. Writing Club students enter a writing contest that challenges them to create persuasive essays.

Photosynthesis and plant responses

DV0164,DV Digital Video Disc
IJ 2000 VISLEAR
Concepts and terminology covered in the video include: photosynthesis, chlorophyll, chloroplasts, plant pigments, germination, carbon dioxide, oxygen, glucose, transpiration, stimuli, and tropism.

The Planets

DV0080,DV Digital Video Disc
PI 1996 0973
Bill goes planet gazing and takes a serious look at Jupiter's features, Earth's elliptical orbit, and the distances between planets. Cool home demo shows how to make Mars soil.

Plant structure and function

DV0165,DV Digital Video Disc
IJ 2000 VISLEAR
Terminology and concepts conveyed in the video include: roots, stem, xylem, phloem, leaf, stomata, guard cells, growth, photosynthesis, biennial, perennial and transpiration.

Plate tectonics

DV0166,DV Digital Video Disc
IJ 2003 VISLEAR
Concepts and terminology discussed include: continental drift, Pangea, Gondwanaland, sea floor spreading, tectonic plates, plate boundaries, divergent boundaries, convergent boundaries, mountain building, folding, faulting, and landforms.

Prelude to revolution

DV0081,DV Digital Video Disc
IA 2000 0975
After the Boston Massacre, British troops withdrew and Townshend Acts were repealed. But gradually, the Custom Commissioners again began to heavily tax Colonial shipping. Angered, colonists burned a British ship, causing Britain to take an even firmer stand. In 1774, the first Continental Congress met in opposition to the Intolerable Acts.

The Presidency

DV0082,DV Digital Video Disc
IJ 2004 RAINBOW
Over 200 years ago when the authors of the Constitution created the Executive Branch of the Federal Government, they also specified the basic powers and responsibilities of the presidency. This program explores the presidency, its influence and power, and its relationship to the Legislative Branch and the Judicial Branch of the government.

Producing

DV0083,DV Digital Video Disc
PJ 2002 AIT
The topics covered in this program are profit, loss, competition, labor market, and supply and demand.

Rain forests, long may they reign

DV0084,DV Digital Video Disc
P 1997 LANDMK
In this episode Albert swings through the rain forests enjoying the Tarzan lifestyle until he's brought back to reality by a boa with an appetite. The fauna and flora have a wealth of secrets from which everyone can benefit, as long as the rain forests are respected. Albert investigates the fragile interdependent structure that enables the jungles to survive and learns that minor damage can have major consequences. What is happening to the rain forests? Why are species of flora and fauna becoming extinct? Are we burning down a treasure without recognizing its full value?

Rainforest biomes

DV0085,DV Digital Video Disc
JA 2002 1031
Through this program, students can expand their understanding of rainforests and how their inhabitants live. Special attention is given to the threats to these incredibly rich ecosystems, home to more than half of the different kinds of animals and plants that live on Earth.

Remembrance day

DV0086,DV Digital Video Disc
J 2001 FILWEST
Simon is less than thrilled at having to attend a veteran's ceremony with his Grandpa Cates. Curious to get some perspective on their Grandpa when he was a young man, Crystal attempts to bring back Grandpa's war buddy, Alex D'Amico. A concussion from an exploding mortar shell accidentally propels them back to war-torn France. Lost and running for their lives, the kids are rescued by two young Canadian soldiers—their Grandpa and his buddy Alex. After 36 hours in a war zone, dodging bullets and encountering many horrors of war, Crystal and Simon return to the present with a greater understanding of what their grandfather and men like him experienced. They also bring a gift from the past that helps their grandfather to finally exorcise his wartime demons.

Respiratory system : intake and exhaust

DV0087,DV Digital Video Disc
JA 1999 1031
Using the analogy of an automobile's system of fuel intake and exhaust, this program explores the makeup and functions of the respiratory system. Main topics include the process of respiration; the origins involved in respiration; why cells need oxygen; structure and functions of the lungs; the relationship between brain and the respiratory system; and a detailed look at what's behind the "simple" act of breathing.

The Revolutionary war

DV0088,DV Digital Video Disc
PI 2002 LANDMK
Oliver Mayhew, one of the youngest soldiers in the Revolutionary War, tells the story of the war for American independence. More than 250 years ago there was no United States of America, there being only a series of English settlements called colonies strung together along the Atlantic Coast. The colonists had fled from harsh English laws across the three thousand miles of dangerous Atlantic waters and settled in an unforgiving wilderness where they could practice their religion in peace, and prosper in business. But by the 1700's some colonists felt that the English still had too much control over their lives; they wanted to break away from England and form their own country. This is the story of what ensued and

marked the birth of the United States of America.

Rock odyssey : a rocks & minerals revue

DV0089,DV Digital Video Disc
PI 1991 MEDINC
Share an exciting adventure with two kids, Sandy and Crystal, as they go searching for "Mica's Magic Gemstone." Along the way to their final treasure Sandy and Crystal meet four very interesting characters: Mica-the tour guide, Sir Sediment-ruler of the sedimentary rocks, Iggy St Igneous-guardian of the igneous rocks, and Matty Morphic-the metamorphic magician. They help he kids learn about the three major categories of rocks (sedimentary, igneous and metamorphic), how each category of rock is formed, properties of minerals, and common types of rocks and their mineral makeup. Children have always had a "love affair" with learning about rocks and collecting them. ROCK ODYSSEY will help to ignite the sparks of curiosity and excitement that each child has within himself.

Rocks and minerals

DV0090,DV Digital Video Disc
IJ 2002 PHONX
This newly revised program teaches students how rocks are formed, what shapes the rocks take, how the form of the rocks help us understand its history and how minerals form rocks.

Rocks and soil

DV0091,DV Digital Video Disc
IJ 1995 0973
Don't take it for "granite" when Bill Nye unearths the solid facts on volcanoes, landslides, tectonic plates, rivers, weather and their varied effects on the creation of rocks and soil. Check out how to unearth fossils in sedimentary rocks and soil and discover why there's a piece of quartz in watches. Music video "If I Was A Rock" is based on Nirvana's "All Apologies." Guest: Edward James Olmos.

Rocks and the rock cycle

DV0092,DV Digital Video Disc
IA 2001 VISLEAR
Concepts and terminology explained in this program include: rock cycle, igneous, metamorphic, sedimentary, texture, and mineral composition. This series explains concepts related to minerals and their properties, rocks and the rock cycle, igneous and metamorphic rocks, and sedimentary rocks.

Rubbish and waste

DV0093,DV Digital Video Disc
PI 1997 LANDMK
Albert and a mole follow a trail of rubbish. They talk about how trash is disposed of now and the problems it can lead toward. They also talk about how much less trash there would be if people recycled. Also, many items shouldn't be buried in landfills.

Safety in science

DV0167,DV Digital Video Disc
IJ 2005 VISLEAR
Important terminology and concepts discussed in this video include: Safe practices in using glassware, chemicals, sharp instruments, fire extinguisher, tongs, and eyewash, heating materials, and wearing protective eyeglasses.

Saving

DV0094,DV Digital Video Disc
PJ 2002 AIT
The topics covered in this program are inflation, interest and income.

School bus drivers : dealing with behavior

DV0152,DV Digital Video Disc
A 2004 1008
Focuses on the types of student behavior that are unacceptable on school busses and why, and covers common reasons for misconduct. Outlines management techniques that your school bus drivers can use to prevent misconduct and to deal with situations that may arise.

School bus drivers : positively in control

DV0153,DV Digital Video Disc
A 2000 1008
Tackles the issue of school bus driver attitude and how it directly affects safety. Training includes correct examples of preventative measures drivers can take to improve the safety of students and ensure safe bus operation.

The Scientific method

DV0132,DV Digital Video Disc
JA 1999 1031
Explore the basic steps in scientific methodology; defining the problem and forming a hypothesis, experiments and observations, analyzing data, forming conclusions and communicating results.

Scientific method

DV0141,DV Digital Video Disc
PIJG 2004 1020
Analyzes the process known as the scientific method and how it is used to solve problems and answer questions in everyday life. Explains how this method provides a format for a step-by-step approach that leads to a reliable solution. Demonstrates how to gather information, form a hypothesis, make observations, and reach a conclusion. Also illustrates how to use

scientific experiments to record data and generate a scientific theory.

The Scrambled states of America

DV0095,DV Digital Video Disc
P 2000 0990
The states become bored with their positions on the map and decide to change places for a while.

Sedimentary rocks

DV0096,DV Digital Video Disc
IA 2001 VISLEAR
Concepts and terminology discussed in this program include: clastic rock, organic rock, chemical rock, sediment, ripple marks, concretions, geodes, compaction, cementation, precipitates, evaporites, petrification, and fossils. This program explains concepts related to minerals and their properties, rocks and the rock cycle, igneous and metamorphic rocks, and sedimentary rocks.

Seeds of change

DV0097,DV Digital Video Disc
JA 1999 1031
This program explores when William McKinley was President, a loaf of bread cost only a few cents, horsepower really meant horsepower, flying to the moon was the stuff of dreams, and the average life span was only 45 years, while looking ahead to the decades of changes yet to come.

The Sharp Wits in the case of the three paragraphs : expository, descriptive, and narrative

DV0098,DV Digital Video Disc
PI 1998 MEDINC
In this program the Sharp Wits examine the mystery of paragraph writing. They discover that their stories become much more exciting when they use three different types of paragraphs.

The Sharp Wits in the mystery of the metric system

DV0099,DV Digital Video Disc
PI 2001 MEDINC
What is the metric system? Who invented it? How is it different from the English system? Why is it necessary to learn it? As the Sharp Wits discover the answer to these questions, they also learn how easy it is to use the metric system.

The Sharp Wits in what is Veteran's Day?

DV0100,DV Digital Video Disc
PI 2000 MEDINC
Why is Veteran's Day a national holiday? The Sharp Wits know that Veteran's Day is very important but their ever inquiring minds want to know why? In this program they research the importance of Veteran's Day and come to appreciate all the men and women who have served our country in the armed forces. They

realize that this day is a time to honor all the men and women who served.

Shh! : we're writing the constitution

DV0101,DV Digital Video Disc
EIS 1990 0990
Delegates representing the thirteen colonies meet at the 1787 summer convention in Philadelphia to draft a play to unify the states while maintaining their autonomy. Describes the events that resulted in the writing of our Constitution. Iconographic.

Shiloh

DV0102,DV Digital Video Disc
IJ 2003 FILMID
This program focuses on a panel of middle school students as they discuss the book Shiloh's major characters, its themes, and how the book has affected their lives. Students gain a greater understanding, appreciation and enjoyment of this book by following the discussion of the book.

Simple machines

DV0103,DV Digital Video Disc
I 1999 0975
Students learn to define and recognize the six simple machines: the inclined plane, the wedge, the screw, the lever, the wheel and axle, and the pulley. Real life situations demonstrate the function and purpose of each machine.

Simple machines

DV0104,DV Digital Video Disc
IJ 1995 0973
In this program, while tooling around with handy simple machines, Bill Nye careens around on a roller coaster, furiously pedals his bike on the "Tour du Science" and parodies Jackson 5's "A-B-C 1-2-3" with "ABC's of Machinery" to show that simple machines are everywhere doing complicated things.

Six Revolutionary War figures

DV0105,DV Digital Video Disc
PI 1990 0990
Depicts the life and accomplishments of 6 figures of the American Revolutionary War: Benjamin Franklin, Samuel Adams, John Hancock, Paul Revere, Patrick Henry, and King George III.

Skeletal system : the infrastructure

DV0106,DV Digital Video Disc
JA 1999 1031
This program provides an introduction to the skeletal system, emphasizing its importance in providing structure and support for the body. Topics covered include how skeletal and muscular systems work together to enable movement; the relationship between bones and joints; connective tissue; functions of the skeletal system, including support, protection, movement, storage, and blood cells production; and the types of bones and joints.

Slavery and the making of America. Volume 1, the downward spiral

DV0176,DV Digital Video Disc
EGA 2005 AMBROSE

This program covers the period from 1619 through 1739 and spotlights the origins of slavery in America, focusing on Dutch New Amsterdam (later New York City). This installment shows how slavery in its early days was a loosely defined labor source similar to indentured servitude, in which Africans and others of mixed race and/or mixed culture had some legal rights, could take their masters to court and could even earn wages as they undertook the backbreaking labor involved in building a new nation, clearing land, constructing roads, unloading ships. But further south, the story of John Punch served as an omen of things to come. Captured after attempting to escape his tobacco plantation, he received a sentence far harsher than the two white men who ran with him. Indeed, in the Carolinas, where the enslaved were teaching struggling white planters how to grow the wildly lucrative crop "oryza" (rice), the labor system was already progressing towards the absolute control, dehumanizing oppression

Slavery and the making of America. Volume 2, liberty in the air

DV0177,DV Digital Video Disc
EGA 2005 AMBROSE

Spanning from the 1740s through the 1830s, this program explores the continued expansion of slavery in the colonies, the evolution of a distinct African American culture and the roots of the emancipation movement. The episode reveals the many ways the enslaved resisted their oppression, their role on both sides of the Revolutionary War and the strength and inspiration many of them found in the Declaration of Independence and Constitution, despite the inherent contradictions that lay in what those documents expressed and what this country practiced.

Slavery and the making of America. Volume 3, seeds of destruction

DV0178,DV Digital Video Disc
EGA 2005 AMBROSE

This program looks at the period from 1800 through the start of the Civil War, during which slavery saw an enormous expansion and entered its final decades. As the nation expanded west, the question of slavery became the overriding political issue of the time. These years saw an increasingly militant abolitionist movement and a widening rift between the North - which had largely outlawed slavery but continued to reap the vast economic benefits of the system - and the South, now home to millions

of enslaved black men, women and children. This is the period of slavery most commonly depicted in history books and captured by dramas. Leading Southerners such as George Washington and Thomas Jefferson had been convinced slavery was nearing its end. But the Louisiana Purchase and the Mexican War brought vast new territories into the United States, and the battle between those for and against slavery intensified. By 1860, every attempt at striking an agreement - the Missouri Compromise, the

Slavery and the making of America. Volume 4, the challenge of freedom

DV0179,DV Digital Video Disc
EGA 2005 AMBROSE

This program follows the life of Robert Smalls as it takes viewers through the Civil War, the Reconstruction and beyond. A South Carolina slave who rode a stolen Confederate ship to freedom, Smalls became a sailor in the Union Navy, bought the mansion in which he had been enslaved, and went on to a long, successful career in politics. The program also follows the transformation of the Civil War from a conflict intended to restore the Union to a conflict over slavery. In 1863, Abraham Lincoln issued the Emancipation Proclamation, freeing all slaves under the control of the Confederate government. The Reconstruction period that followed offered much promise to the newly freed slaves, but by the 1876 Presidential election the North had tired of dealing with civil rights and decided to leave the issue of the treatment of the freed slaves to the Southern states, where many former Confederate leaders had taken the helm of government. With Smalls as framework, this final installment looks at the

The Solar system

DV0107,DV Digital Video Disc
PI 1999 0975

This program discusses the sun, moon and planets in detail, describes how gravity works to keep all nine planets in the sun's orbit. Shows how the planets rotate and revolve, each at a different pace.

Sound and noise

DV0108,DV Digital Video Disc
PI 1997 LANDMK

In this program students will learn how sensitive ears are and how, in a way, we can "see" with them as well and how to protect them. Also explained is how different sounds effect us by making us tensed, relaxed, nervous, and even how some sounds can make us go mad if subjected to it continuously.

The Supreme Court

DV0109,DV Digital Video Disc
IJ 2004 RAINBOW

People have often had to struggle and protest to achieve their rights. The Supreme Court is the branch of government to make sure the ideal of equal justice under the law is upheld in practice. This program includes a look at the court's system and the philosophy, political, and social climate associated with the system.

Taxation without representation

DV0110,DV Digital Video Disc
PI 2000 0975

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.

Tornado

DV0111,DV Digital Video Disc
JA 1995 AMBROSE

This program takes a look at tornadoes, the most violent storms on earth. Ride along with storm-chasers as they pursue these violent storms. Witness the devastation through the eyes of survivors, and discover how scientists are using new technologies to even the odds in the war against nature's terrorists.

Tundra biomes

DV0112,DV Digital Video Disc
JA 2002 1031

About a fifth of the Earth's land surface is tundra: cold, dry, treeless, and home to a diverse range of inhabitants including lichens and lemmings, sedges and snowy owls, and dwarf willow bushes and musk oxen. By viewing this program, students can develop a fundamental appreciation for the world's Arctic and Alpine tundra biomes. The plants and animals that populate tundra environments are clearly identified, along with the adaptations that enable them to live in places where the temperature can drop to 70 degrees below zero.

The U.S. Capitol building

DV0113,DV Digital Video Disc
PI 2003 FILMID

From its early design to its imposing position on Capitol Hill, viewers will understand that this remarkable structure symbolizes the will and strength of the American people and the principles of democracy to citizens the world over. Includes a discussion of our Congress, the role of George Washington and architect Dr. William Thorton, Jenkins Hill, the Rotunda, and the Statue of Freedom.

The U.S. flag

DV0114,DV Digital Video Disc
PI 2002 FILMID
The story of the American flag is told from Revolutionary War days to the present. Viewers see many of the flags that have flown over the United States, while learning the historical background of each one. Learn what the flag symbolizes, what the various parts mean, and how to maintain and properly display the American flag.

Ultimate power : evil uprising

DV0133,DV Digital Video Disc
JA 1999 1031
How did Adolf Hitler—an Austrian of little means and meager prospects—rise to absolute power in post-World War I Germany? Did the nation's economic and political situation make it inevitable? This ABC News program, anchored by Peter Jennings, traces Hitler's amazing ascent from corporal in the Great War through his foray into politics, his imprisonment after his Beer Hall Putsch, his bid for the presidency against Paul von Hindenburg, and his subsequent installment as Chancellor.

Ultimate power : the race

DV0134,DV Digital Video Disc
JA 1999 1031
The race to invent the atomic bomb is documented against the backdrop of the World War II and Hiroshima. It shows how the allied scientists of the Manhattan Project made it possible, the technological hurdles they overcame, the moral issues they confronted, and the responsibility they accepted for the fate of the free world.

Uncle Sam

DV0115,DV Digital Video Disc
PI 2002 FILMID
There is one symbol that is used almost as much as "Old Glory" or the bald eagle to represent the people and government of the United States—Uncle Sam. To Americans and foreigners alike, the symbol of Uncle Sam most clearly represents the United States of America. Learn about its origins, historic past and future importance.

Underground Railroad : road to freedom

DV0116,DV Digital Video Disc
PI 2003 NOODLEH
Stories about the Underground Railroad capture the imagination with accounts of determined slaves and "conductors" risking everything for freedom. Imagine the amazement of a high school student who uncovers evidence that the Underground Railroad ran right through her home town. An ordinary school assignment blossoms into an outstanding student video that investigates the hardships of slavery and the bravery of leaders such as Harriet Tubman.

Vietnam news stories

DV0117,DV Digital Video Disc
I 2003 NOODLEH
The contemporary culture of Vietnam is influenced by a thousand years of history. Traveling in the midst of this ancient culture, American middle school students created eight 3-minute news segments on modern day Vietnam. Topics covered are economy, clothes, Cultural influences, religion, family life, buildings, school, food.

Volcanoes : fire from within

DV0118,DV Digital Video Disc
PI 1995 LUCERNE
Dormant today, perhaps active tomorrow, what causes volcanoes? Live action video and animation provide a dramatic look at volcanic eruptions and how magma journeys to the surface. Also visit sites of past eruptions.

Water and weather

DV0119,DV Digital Video Disc
PI 1997 LANDMK
Snow in Florida, floods in California! Hail the size of tennis balls in the summer. Is the earth getting colder, or warmer? Albert checks out the global water cycles which determine the weather. He also observes how the oceans act as earth's central heating system, the importance of impenetrable jungles at the equator and looks at how man is affecting the weather.

Water cycle

DV0120,DV Digital Video Disc
IJ 1995 0973
Did you know that most of the water on the planet is the same water that's been here since the earth was formed? Using a whimsical model made of a tiny staircase, windup penguins and a bicycle tire, Bill demonstrates the phases of the water cycle: evaporation, condensation, precipitation and collection. Science kids hit the streets to show us some easy things we all can do to keep the water supply clean and healthy...after all, it's the only water we've got. Joey Lawrence guest stars, dropping by for a condensation conversation with Bill.

The Water cycle

DV0145,DV Digital Video Disc
I 2004 100EDV
Describes the Earth's water cycle and the properties of water. Explains the significance of water to life on Earth and identifies the role of the sun in constantly renewing the water supply. Illustrates how water molecules can change state and describes the processes of evaporation, condensation and precipitation. Features experiments to demonstrate these processes and reveal how they work together to create the Earth's water cycle.

Water, the never-ending cycle

DV0121,DV Digital Video Disc
PI 1997 LANDMK
Water...one of Nature's elements that enables us to inhabit the earth. We drink it, we swim in it and when it freezes, we ski and skate on it. We actually consist of the stuff. Where does it come from, and what happens when we're through with it? Albert journeys to the center of the recycling process: the sewage plant. He squeezes through drains, and explores underground canal systems. He meets the bacteria cleaners who clean up the mess and reveal leaks in the system.

Weather and climate

DV0122,DV Digital Video Disc
PI 1999 0975
Teaches about the relationship between water, air, and heat and how they interact to make weather happen. Through animated diagrams, explains the terms atmosphere, condensation, evaporation, and precipitation.

What's the big idea, Ben Franklin?

DV0123,DV Digital Video Disc
PI 1993 0990
A biography of the witty author, scientist, and statesman who helped with the Declaration of Independence and the Constitution and became the first ambassador of the United States of America.

Where do you think you're going, Christopher Columbus?

DV0124,DV Digital Video Disc
PJ 1991 0990
Depicts the voyages of Christopher Columbus who wanted to beat everyone in sailing to the Indies and thereby discovered the New World.

The White House

DV0125,DV Digital Video Disc
PI 2002 FILMID
One of America's most important symbols is the White House, located in Washington D.C. As the official home and office of the President of the United States, the White House represents the American people and the ideals of freedom and democracy. Discover the famous home's most important features, meet some of the first families that occupied 1600 Pennsylvania Ave., view the oval office, treaty room, and familiar east room. Also observe White House ceremonies honoring some of the best achievers America has to offer.

Who's that stepping on Plymouth Rock?

DV0126,DV Digital Video Disc
PI 1998 0990
Relates the unique history of Plymouth Rock from the Pilgrims first landing to the present day.

Writing a research paper

DV0127,DV Digital Video Disc
IJ 1999 AIT
Students are challenged to approach a writing assignment in a different way. Strategies for organizing information and structuring personal schedules to complete the assignments are depicted. Writing Club members learn to research, write, revise, and publish their research papers.

Writing an autobiography

DV0128,DV Digital Video Disc
PI 2001 AIT
Different approaches to brainstorming and organizing idea are highlighted in this program. A mysterious baby picture inspires Cassie's autobiography.

Your immune system

DV0129,DV Digital Video Disc
EJG 2001 1031
This program clearly and concisely maps out the complicated human immune system, explaining both how it keeps the body healthy and what happens to the body if it malfunctions—or, even worse, if it shuts down completely. Also described are a number of problems with the human immune system, running the gamut from allergies to AIDS. Viruses and antibiotics are also discussed, as is the growing danger of bacterial resistance to current medicines. The effects of major histocompatibility complexes on transplanted organs are considered as well.

Your science fair project

DV0154,DV Digital Video Disc
IJ 2005 VISLEAR
Concepts and important terminology discussed in this video include: scientific method, science fair project, hypothesis, experiment, data, conclusion, data table, and graphing.