

ERAC Evaluated Resource 2007

6 Fit Kids' Workouts with Judy Notte Howard

1700534 DV
PIM 40 min CA 2005
Re-energize, invigorate, and energize your kids! Five- and ten-minute fitness videos for ages 8-13. They're teacher tested and are used to motivate students. Kids are happier, smiling, and more able to concentrate after a workout.

The six workouts are:

Hip & Happening Kardio Funk (5 mins)
Drum Beating, Foot Stomping African (5 mins)
Shimmy, Shaking & Loving Latin (5 mins)
Heart Pounding, Arm Pumping Aerobic Dance (5 mins)
Getting Funky (10 mins)
Afro Latin Combo (10 mins).

The two ten-minute workouts link the moves that have been taught during the four shorter workouts. Each workout is followed by a brief health tip from Judy and her kids. Taped and produced in Vancouver BC.

Dancing; Movement Education; Erac Evaluated Resource 2007; Elementary Education—Class Activities; Student Activities; Physical Fitness; Healthy Living; Exercise; Physical Education

American History Series

World War II: Causes and Consequences

1700574 DV
IMS 56 min 2005 Marlin Motion Pictures
The second world war may have been fought mainly on European and Asian soils, but it greatly influenced life in the United States – and for decades to come.

World War II – Examines Hitler's occupation of Europe and the Allies efforts to fight it.

The Cold War – Considers the relationship of the Soviet Union and the United States during this time.

American Stories: Great Expectations – Explore how the US economic recovery after WWII ushered in an age of prosperity. Primarily for students in Grades 6-12. Online Guide.

Erac Evaluated Resource 2007; World War 1939-45; World War 1939-45–Russia; World History–20th Century; United States–History

The Ancient World

1700536 DV
PI 26 min 2004 Marlin Motion Pictures
Primarily for Grades 3-6 students on long-ago civilizations in India, the Mediterranean region, and parts of Africa.

1) The First Great Migration (6 mins) – Human populations spread throughout the world many ages ago due to changing climates and geography. You will see how humans lived as they migrated from Africa to Asia and the Americas.

2) Petra: Secrets of the Red City (5 mins) – built into the red desert cliffs of Jordan, Petra has been referred to as "the rose red city half as old as time." Explore the ancient ruins of Petra.

3) The Maurya Elephant Army (5 mins) – Elephants may look like gentle giants, but they were often used as instruments of war in early India. Learn about Emperor Asoka and his army of elephants.

4) Spartan Warriors (6 mins) – Chosen to begin training at a young age, Spartan soldiers were fierce and aggressive fighters. Learn about the ancient civilization of Sparta and the lives of its fearless warriors. Online Guide.

Social Change; World History; Culture; Military History; Soldiers; Erac Evaluated Resource 2007; Ancient History; Ancient Civilizations

Animal Alphabet

1700535 DV
P 20 min 2005 Marlin Motion Pictures
Introduce students to the alphabet's 26 letters by engaging their natural curiosity about the animal kingdom. From "ant" to "meerkat" to "zebra," familiar and exotic animals are featured. Fun, easy-to-read graphics are reinforced with simple alliterative phrases. Online Guide.

Animals; Alphabet; Animals–Study and Teaching; Erac Evaluated Resource 2007; Animals–Pictorial Works

Anita's Africa

1700650 DV
IMS 17:30 min 2007 Filmwest Associates
An award-winning, Canadian documentary for children. Anita Kemirembe is a lively ten-year-old girl living in a village on the outskirts of Kampala, Uganda. Young viewers are led on a fascinating tour of her neighbourhood, her school, and the crowded streets of Kampala.

The audience is also introduced to the beautiful geography of Uganda and to the wonderful and exotic animals that

make their homes not far from Anita's – elephants, giraffes, lions, and zebras. An understanding will be gained of life as it is for a ten-year-old in our developing world. Similarities and differences will be appreciated between Anita's life and their lives.

Africa; Animals–Africa; East Africa; Erac Evaluated Resource 2007; School Children; Africa–Geography

Basics of Biodiversity Series

A series of six DVD programs on the topics of domains, protists, fungi, the plant kingdom, and the animal kingdom (invertebrates and vertebrates). Online Guide.

Kingdom Protista: The Origins of Eukaryotic Diversity

1700416 DV
MS 30 min 2005 Kinetic Video
Explores the evolutionary history of eukaryotes while examining the incredible diversity that exists in kingdom Protista reflected in organisms such as Euglena which have both animal and plant-like qualities.

The program then looks at animal-like zooflagellates, sarcodines, ciliates, and sporozoans; fungus-like slime molds, and plant-like dinoflagellates, diatoms, and englenoids. Multicellular red, brown, and green algae are examined. Why modern biology places all three in kingdom Protista rather than kingdom Plantae is explained. Online Guide.

Erac Evaluated Resource 2007; Biology; Algae

Battling Eating Disorders

1700646 DV
IMS 29 min CA 2006 Kinetic Video
Using personal stories of some women and a man with eating disorders, this program defines bulimia, anorexia, and binge eating. Hosted by The Sopranos' Jamie-Lynn Sigler, herself a survivor of teenage anorexia, the DVD examines the causes and describes how to get help.

There is a good mix of narration, personal accounts, and technical information. Titled chapters chunk the content for ease of discussion on a specific topic. Discussion topics are included in the online guide. Supports the Health and Career Education curriculum for secondary grades. Online Guide.

Health Education; Teen Guidance; Eating Disorders; Bulimia; Erac Evaluated Resource 2007; Children–Nutrition; Counselling; Healthy Living; Anorexia Nervosa; Family Life Education

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Beavers: The Master Builders

1700652 DV
IMSTA 29 min 2003 McNabb & Connolly

With a modest tool box and simple site plans, these animal architects are capable of carrying out large scale building and renovation work. Beavers run on cellulose and work efficiently underwater or on land. They radically alter the landscape like no other animal and create prime real estate for fish, ospreys, otters, and bears in their wake.

A beaver family is observed as well as a construction crew as they both rush to get their structures built in time for the onslaught of winter. Who will be ready? Wonderful narration by David Attenborough. Primarily for Grades 4 to adult.

Animals–Canada; Animals–Habits and Behaviours; Erac Evaluated Resource 2007; Ecology–Canada; Wildlife; Ecology; Furbearing Animals; Animals–Habitations; Beavers; Nature Study; Animals–North America

Biodemocracy: Making a Difference

1700606 DV
MS 38:20 min 2002 National Film Board

This is a compelling critique of the biotech industry and genetic engineering. It raises timely questions about how the science is being done, the lack of labelling, government funding, and the lack of risk assessment. "We don't know the long-term effects," continues Suzuki. "It's far too early."

At the Metro Convention Centre in Toronto, the biotech industry is holding a conference, but the public isn't invited. Activists have organized an alternative gathering called Biojustice / Biodiversity to address the controversial issues surrounding bioengineering and GMOs (genetically modified organisms).

"We're here to talk about the things they're not talking about," explains a member of the Council of Canadians. We also hear from experts from Greenpeace, Freedom For Animals, Polaris Institute, Saskatchewan Organic Directorate, and Gene Action. Geneticist Dr. David Suzuki reveals the scope of the perilous experiment that began over five years ago. "GMOs are in the food stream," stresses Suzuki, "and we have never given our consent!"

Documentary Films; Food Supply; Genetic Engineering; Erac Evaluated Resource 2007; Genetics

Bully Smart Series

This four-part, comprehensive series and accompanying guide deal with bullying behaviour students face both in and out of school. Whether the viewer is the individual being bullied or the one doing the bullying, this series of DVDs offers a fresh view of a serious problem and offers steps to remedy any bullying situation. DVD. Binder.

Playgrounds–Safety Measures; School Discipline; School Supervision; Bullying

Help! I'm a Bully

1700685 DV
PI 20 min 2006 McIntyre Media Inc
Bullying is a learned behaviour that can be changed. In this program, the kids themselves discover their bullying behaviour and successfully change it.

Three scenarios are enacted:

Help, I Spread Rumours;
Help, I Leave People Out (excluding someone from a sports activity); and
Help, I Thought It Was Funny (teasing).

Viewers develop a real sense of the damage bullying causes to others and understand that it is not harmless fun. Teacher's Guide (binder, 68 pp.).

Bullying; School Discipline; Family Life Education; School Supervision; Playgrounds–Safety Measures; Erac Evaluated Resource 2007

Bullying for All the Marbles

1700675 DV
IM 11 min 2006 Casreep Communications

Informative and engaging, the interactive nature of the 'easy slide' presentation allows students to communicate effectively with each other and make the material easier to understand. As the presentation progresses, students will open up and become more comfortable asking questions and sharing personal experiences. Finally, a forum where students can learn without feeling judged or without losing interest.

Short film / DVD For All The Marbles follows the escapades of ten-year-old Jeff as he attempts to retrieve his prized marble that was tossed away by a bully at recess. Jeff achieves his goal and gains confidence and friends to help him defeat the bully and win the Marble Championship.

Large, white DVD case includes – DVD (For All The Marbles Movie). DVD (For All The Marbles Presentation). CD (For All The Marbles Printing Material). Presentation Assistant (Guide).

Playgrounds–Safety Measures; Bullying; School Supervision; School Discipline; Teen Guidance; Erac Evaluated Resource 2007

Butterflies: Amazing Insects

1700664 DV
I 23 min 2000 Canadian Learning Co

Beginning with a dramatization of an ancient Native American legend about the origin of the butterfly, this DVD answers questions about a butterfly's life cycle, body structure, and general behaviour.

Insects–Study and Teaching; Butterflies; Erac Evaluated Resource 2007

Cambridge Core Science: Geobasics Dvd Series

As oil supplies dwindle, as catastrophic weather events multiply, as the ozone layer grows thinner, Earth needs geologists, geophysicists, environmentalists, and other researchers as never before!

Introduce your students to Earth science and inspire them to help save the world with this eight-part series. Magnificent location footage and satellite images, explanations by experts in the field, and animated diagrams that simplify complicated processes make GeoBasics a valuable addition to any study of the Earth, its systems, and humankind's impact.

Eight DVDs (19-26 minutes each) are: Our Planet Earth; Plate Tectonics; Rocks and Minerals; Oceans and Seas; Geocycles; Atmosphere, Climate, and Weather; Energy and Resources; Environmental Issues and Human Impact.

Correlates to National Science Education Standards, National Educational Technology Standards, and Standards for the English Language Arts. Online Guide.

Tides; Marine Biology; Earth; Oceans; Earth–Study and Teaching; Waves; Earth–Age; Earth–Crust; Marine Ecology; Rocks; Plate Tectonics; Minerals; Atmosphere; Continental Drift

Geocycles

1700556 DV
MS 19 min 2006 Kinetic Video
Planet Earth is an amazing machine, and we – and our future – are riding on it. This video introduces students to the Earth systems primary interacting subsystems (the biosphere, geosphere, hydrosphere, and atmosphere); the nitrogen, carbon, and water cycles; and three surface processes: weathering, mass-wasting, and erosion.

The greenhouse effect, the impact of acid rain on the environment, and diminishing freshwater resources around the world are considered as well. Correlates to National Science Education Standards, National Educational Technology Standards,

ERAC Evaluated Resource 2007

and Standards for the English Language Arts. Online Guide.

Atmosphere; Greenhouse Effect; Acid Rain; Water Cycle; Erosion; Weathering; Freshwater Ecology; Erac Evaluated Resource 2007

Oceans and Seas

1700557 DV

MS 21 min 2006 Kinectic Video
More than 70% of the Earth's surface is covered by water. Use this DVD to impress upon your students the importance of the seven seas to people, the marine food chain, and the planet as a whole. Topics include the various kinds of currents and the forces that influence them, tides and waves (what they are, what causes them, and how they are classified), features of the seabed, and the formation and shaping of coastlines.

A basic explanation of how oceans have been affected by human activity is also provided. Correlates to National Science Education Standards, National Educational Technology Standards, and Standards for the English Language Arts. Online Guide.

Marine Biology; Oceans; Tides; Erac Evaluated Resource 2007; Marine Ecology; Waves

Our Planet Earth

1700558 DV

MS 22 min 2006 Kinectic Video
If Earth's entire history could be compressed into a single year, modern humans would have appeared just 23 minutes ago! Use this video to introduce your students to the concept of geological time (also called deep time); relative age dating of rock via the principles of stratigraphic superposition, original horizontality, and cross-cutting; absolute age dating by radioactive decay; the chemical elements, heavy and light, that make up the planet; and Earth's three main layers: crust, mantle, and core.

Correlates to National Science Education Standards, National Educational Technology Standards, and Standards for the English Language Arts. Online Guide.

Erac Evaluated Resource 2007; Earth-Crust; Chemical Elements; Earth-Internal Structure; Earth-Age; Earth-Study and Teaching; Earth

Plate Tectonics

1700559 DV

MS 25 min 2006 Kinectic Video
Studies of our planet's crust, or lithosphere, suggest that it's not a single solid layer at all. This video illustrates the process of scientific inquiry by studying the evolution of our understanding of plate tectonics, the dynamics of those ever-shifting slabs of earth we call solid ground.

Beginning with Alfred Wegener's hypothesis of continental drift, the program discusses major and minor plates, types of plate boundaries, and the concepts of spreading and subduction. Earthquakes and volcanoes are also addressed. Correlates to National Science Education Standards, National Educational Technology Standards, and Standards for the English Language Arts. Online Guide.

Erac Evaluated Resource 2007; Earthquakes; Volcanoes; Plate Tectonics; Continental Drift

Rocks and Minerals

1700560 DV

MS 23 min 2006 Kinectic Video
Knowledge of the physics and chemistry of the planet's "bones" is essential to a complete understanding of Earth science. Ranging from the Mohs scale and specific gravity to silicates, carbonates, and halides, this DVD delves deeply into the composition, properties, and classification of rocks and minerals.

An element of forensic-type analysis is also brought into play since any stony formation represents a portion of the planet's history and local conditions. Correlates to National Science Education Standards, National Educational Technology Standards, and Standards for the English Language Arts. Online Guide.

Minerals; Rocks; Erac Evaluated Resource 2007

CBC Doc Zone Series

Documentary films from CBC learning.

Arctic Regions; Global Warming; Documentary Films

Arctic Rush

1700655 DV

IMS 45:45 min 2006 CBC Educational Sales

Until recently easy passage across the Arctic frozen landscape remained the stuff of fantasy and fable. Who could afford - or risk - cutting through thousands of miles of ice to go from East to West? But near the Canadian port of Churchill, one of the country's top Arctic scientists, David Barber from the University of Manitoba is finding data that may change everything. His teams have been studying the ice in the Arctic for quite a while and have just embarked on a new project on Button Bay - just north of Churchill - which they will study for the next decade.

Dozens of scientists and grad students perform experiments on the ice and have found that the area is warming. Each year the melt comes earlier, the freeze later. Though hes reluctant to say exactly when this bay hes standing on will be ice-free and passable as early as April, Barber is resigned to the facts that the evidence

shows him - the big melt will likely be in his lifetime.

As the warming accelerates here - twice as fast as the rest of the Earth - scientists are scrambling for answers to why, as well as how fast and how long the trend will continue. And what does it mean for the rest of us? While some warn that the climate shift will have catastrophic effects felt around the world, others are looking at the warming trend as an opportunity.

Erac Evaluated Resource 2007; North America-Climate; Climate; Documentary Films; Arctic Regions; Canada-Climate; Global Warming

Childhood Nutrition: Preventing Obesity Series

This award-winning, three-volume set teaches parents and kids effective ways to develop healthy eating and exercise habits for the entire family.

Did you know that the number of overweight children has tripled in the last two decades? Obesity puts kids at a higher risk for type 2 diabetes, early heart disease, and low self-esteem. But how can parents combat fast food and couch potato lifestyles? This DVD series has the answers. With smart strategies and straight talk, parents and kids learn effective ways to develop healthy eating and exercise habits so kids can feel their best from the inside out.

Showcases basic childhood nutrition information for a variety of age groups. Emphasizes realistic methods of developing a healthy lifestyle. Encourages regular family meals and being active together. Shows racial and economic diversity.

Includes Feeding Your Baby, Young Children Eating Right, and Healthy Habits for Kids. Volumes 1 & 2 are shown to Parents and Volume 3 to elementary and middle school students.

Nutrition; Family Life; Health Education; Exercise; Children-Nutrition

Healthy Habits for Kids (Ages 7 to 12)

1700462 DV

PIM 9 min CA 2005 Injoy Videos
Designed to be viewed by kids, this high energy video promotes healthy eating and an active lifestyle in a format that captures their attention. A diverse all-child cast is used.

Features colourful, action oriented graphics and the USDA's MyPyramid. Includes how to choose healthy fast food, snacks, and beverages. Easy daily physical activities ideas are shown as well as tips on responsible TV watching. Online Guide.

Nutrition; Health Education; Family Life; Exercise; Children–Nutrition; Erac Evaluated Resource 2007; Healthy Living

Cold War into Guerrilla War

1700575 DV
IMS 52 min 2004 Marlin Motion Pictures

In the aftermath of World War II, disagreements among nations took on frightening new significance due to the proliferation of nuclear arms. Four segments describe the setting and events of the Cold War. This feature helps students consider the past and present day effects of the Cold War on nations around the world.

1) Showdown - The Cuban Missile Crisis (6 mins) – The former Soviet Union posed a major threat to the United States when it began sending missiles to Cuba. See how these two countries narrowly averted a nuclear war.

2) The First Woman in Space (5 mins) – In the race to explore space, the former Soviet Union passed over more qualified candidates and chose Valentina Tereshkova who had no scientific background as the first female cosmonaut.

3) Escape from Berlin (28 mins) – East Germany built the Berlin Wall to stop its valuable workforce from leaving the country. Watch as the Berlin Wall is built and later comes tumbling down.

Democracy vs. Communism: The Korean War (8 mins) – The Korean War officially ended in 1953 but it would be two more years before the fighting stopped. See how outside intervention changed the course of the Korean War. Online Guide.

Erac Evaluated Resource 2007; Korean War 1950-53; Germany (East); Communism; Space Flight (Astronautics); Cuba; Astronauts; United States–History; World History–20th Century; Germany–History; Russia–History

Continents of the World Series

Among the oceans and seas of the world, the land masses of Earth are divided into seven continents. They present us with a wide spectrum of climates, from the cold frozen polar region of the South Pole to the tropical jungles of the equator. Earth's continents are: Africa, Antarctica, Asia, Australia, Europe, North, and South America. This seven-part series on the world's continents covers all the basics. With a primary focus on the geography of the continents, each program also proceeds into the additional cross curricular disciplines of science, nature, and history.

ERAC Evaluated Resource 2007

Europe; Asia; South America; Australia; Earth–Study and Teaching; Africa; North America; Antarctic Regions; Physical Geography

Asia

1700609 DV
PI 17:45 min CA 2006 Film Ideas Inc

Explore the fascinating continent of Asia. As we cover this vast area, we will use colourful graphics to show where the mountains, plains, and rivers are located.

We will also show our young geographers other important things that make the Asian continent unique. Before ending, we will have built the continent up from a flat piece of land, adding each feature – one by one – until it looks like as it does today. A short review reinforces important concepts.

Erac Evaluated Resource 2007; Physical Geography; Asia

Europe (Continents of the World)

1700610 DV
PI 17:45 min CA 2006 Film Ideas Inc

We are going to explore the continent of Europe. We will show you where the mountains, plains, and rivers are located and show you other things that make the continent of Europe special.

When looking back from space, you can see that much of the European continent consists of several peninsulas. A peninsula is an area of land that sticks out into the water from a much larger land area, kind of like a finger and surrounded on three sides by water.

Physical Geography; Europe; Europe–Geography; Erac Evaluated Resource 2007

South America

1700294 DV
PI 17:17 min CA 2005 Film Ideas Inc

Today we are going to learn more about the continent of South America. Young viewers will learn that South America is home to the world's highest waterfall, the world's largest rainforest, and the world's longest mountain range. South America is also home to thousands of plants, animals, and insects found nowhere else on the planet. Come along as we explore this fascinating continent. Chaptered DVD.

South America–Geography; South America; Erac Evaluated Resource 2007

Cracking the Advertising Code

1700581 DV
MS 20 min 2006 McIntyre Media Inc
If you think bait-and-switch is a fishing tip, you have a lot to learn about advertising. Viewers will learn how to make good buying decisions by spotting advertising ploys. This program focuses on several commonly-used advertising techniques designed to hook the consumer. Real world experiences are evident as teens are seen using various products. Music and graphics will engage students while increasing their awareness as potential consumers.

A review sheet and an activity sheet are included. The resource would be useful for teachers focusing on media literacy or advertising in Language Arts or Business Education. Online Guide.

Media Literacy; Erac Evaluated Resource 2007; Advertising

Csi - Canada Am with Beverly Thomson

1700614 DV
MS 10 min 2006 McIntyre Media Inc
In this ten-minute compilation, you will see Canada AM Host Beverly Thomson go to CSI school. While TV network execs may celebrate the high ratings of shows such as CSI: Crime Scene Investigation, real life crime investigators are not as thrilled about the unrealistic expectations caused by the shows high tech wizardry and on-the-spot crime solving. According to anthropology professor and author Elliott Leyton, the CSI effect is skewing the public's perception of forensic science and their view of police work.

Applications of science, methods of observation, interpretations based on observations, and the detail needed to make good observations are topics highlighted in this program. Clips from the television series 'CSI' are interspersed with explanations from Canadian law enforcers and forensic scientists. Interviews and examples of similar situations are also presented.

Could be used, one segment at a time, to illustrate the need for applying the same care, attention to detail, and interpretative rules to the science done in the class. It would also be useful for showing applications of technology in a Science and Technology 11 course.

Crime; Criminal Procedure; Administration of Criminal Justice; Police–Canada; Criminal Investigation; Erac Evaluated Resource 2007

ERAC Evaluated Resource 2007

Dealing with Teen Dating Abuse: Matters of Choice

1700686 DV

MS 18 min 2004 McIntyre Media Inc
A dramatic teaching tool for any teen dating abuse prevention program. The DVD chronicles the story of Megan, a secondary school freshman and her boyfriend Matthew. As their romance deepens, Matthew monopolizes Megan's life, isolates her from her friends and activities, controls her clothing choices, criticizes her intelligence, and eventually physically abuses her. At the same time he repeatedly apologizes and proclaims his love.

The viewer sees the story from three perspectives: Megan's, Matthew's, and also from the point of view of Megan's best friend, Ana. Every scenario is based on well-researched information received from professionals trained in dealing with dating violence and domestic violence, teens, psychotherapists, as well as survivors of dating violence and their friends and relatives. This DVD and teacher's resource book is an excellent resource for starting dialogue about the important issue of teen dating violence. Teacher's Resource Book (binder, 44 pp.).

Teen Guidance; Physical Abuse; Dating (Social Customs); Violence; Family Life Education; Erac Evaluated Resource 2007; Adolescence

Discovering Language Arts Series

Introduction to Fiction and Nonfiction

1700562 DV

P 43 min 2006 Marlin Motion Pictures

From recognizing familiar genres and determining themes to relating stories to personal experience, young students learn basic skills and strategies for understanding and interpreting literary texts and informational texts through text organizers, summaries, and structural patterns.

Fiction and Nonfiction (6 mins) – Listen to and discuss two stories from Africa and learn what separates fiction from nonfiction.

Elements of a Story (5 mins) – Learn about the four elements that all fiction and nonfiction stories must have.

Story Clues (4 mins) – Good readers use hints within a story to guess what will happen next. Online Guide.

Storytelling–Technique; Erac Evaluated Resource 2007; Language Arts; Fiction; Short Stories; Storytelling

Discovering Math Grades K-2 Series

High interest, real world examples of mathematical concepts are presented, practised, reinforced, and reviewed using graphics and visuals with kid-appeal! All content is tied to national standards and benchmarks. Online Guide.

Mathematics

Shapes

1700638 DV

P 30 min 2006 Marlin Motion Pictures

This well-paced program describes geometric shapes, spatial language, and the creation of patterns. Compound shapes are also included. A variety of natural and human-made building objects are used to show shapes in our world. Titles identify chapters and label examples. Chapters facilitate accessing segments that best support specific learning outcomes.

From geometric shapes to spatial language to creating patterns, introduce primary students to the basic properties and concepts of geometry. Geometric shapes are all around us, but we may not notice them until we look for them. Examples are triangles, rectangles, and squares.

Shapes and relationships – geometric shapes can be used to describe many objects and situations, both natural and made by humans. The spatial relationships of objects can be described in words. Examples are simple shapes, complex shapes, and relation shapes.

Patterns from shapes – look at examples of shapes arranged in repeat patterns. Examples are simple patterns, patterns from many shapes, and complex patterns. All content is tied to national standards and benchmarks. Online Guide.

Geometry; Erac Evaluated Resource 2007; Size and Shape; Mathematics; Arithmetic–Study and Teaching; Arithmetic

Earth and Space Systems - Understanding Rocks and Minerals Series

What Are Rocks?

1700554 DV

I 15 min 2007 Ethos Ltd
All rocks are inorganic. They are made up of different combinations of minerals; have different colours, textures and hardnesses; and are used in a variety of ways. Much of the Earth's crust is made up of rocks and minerals that form naturally inside and on top of the Earth's crust.

Looks at the different formation of the three kinds of rock – sedimentary, igneous, and metamorphic; ways to

identify them; and examples of each. Primarily for Grade 4. 1 DVD. 1 Resource CDROM.

Erac Evaluated Resource 2007; Rocks; Earth–Crust; Rocks–Identification

The Earth Inside and Out

1700271 DV

IMS 30 min 2005 Marlin Motion Pictures

This examination of Earth's composition and forces includes the following segments –

Energy from Earth's interior – shows how heat plays a fundamental role in shaping Earth's surface.

Earth's crust – explores the differences between continental and ocean crust.

Volcanoes – shows how the collision of tectonic plates sends hot magma shooting up through fissures in the crust.

Earthquakes – explores how earthquakes are created and why some of the most dangerous ones occur on the ocean floor.

Mountain building – examines how friction and stress along plate boundaries have created some of the most dramatic landforms on our planet.

Earth Sciences; Earth–Crust; Earth–Study and Teaching; Erac Evaluated Resource 2007; Earth–Internal Structure; Mountains; Volcanoes; Earthquakes

Earth's Energy

1700274 DV

PI 30 min 2005 Marlin Motion Pictures

From Benjamin Franklin's kite experiment to the latest advances in solar energy, investigate the many ways we use the Earth's natural resources. Includes four feature segments -

Sources of energy - examines renewable and nonrenewable energy, providing a deeper understanding of where our power comes from.

Electricity - investigates this force we have learned to harness including electric currents, circuits, and static electricity.

Magnetism - discusses the relationship between electricity and magnetism and how electromagnetic energy powers our world.

Solar energy - Visits the Rocky Mountain Institute, one of the most energy efficient buildings in the world, for a look at solar energy. Online Guide.

Electricity; Energy; Magnetism; Erac Evaluated Resource 2007; Solar Energy

Earth's Rotation and Revolution

1700683 DV

PI 14 min 2006 McIntyre Media Inc

What causes day and night? Why do we have seasons? Through easy-to-understand animations, as well as live action video footage, these difficult concepts are easily explained. The rotation of Earth on its axis, and its revolution around the sun, are the focus of this video. Colourful graphics vividly illustrate the movement of our planet throughout the course of a year. Important terminology includes: axis, tilt, rotation, revolution, orbit, season, solstice, and equinox.

Includes 5-question video quiz and 25-page teacher's guide. Extra features on the DVD include: index, slides, glossary, English subtitles, and an iMovie project. Primarily for Grades 3-5, but this program clearly presents the concepts and vocabulary to support the Grade 3 unit, Stars and Planets. Teacher's Guide (binder, 25 pp.).

Day; Erac Evaluated Resource 2007; Solar System; Seasons; Earth; Universe; Astronomy; Earth-Study and Teaching; Night; Space Sciences; Time

Ecology Fundamentals

1700682 DV

PIM 14 min 2006 McIntyre Media Inc

Introduces students to some of the fundamental principles in ecology – the study of how living things interact with each other and with their environment. To introduce the concepts and vocabulary related to the fundamentals of ecology, this presentation focuses on the relationship of animals and organisms to each other and to their environment through clear, colourful, live action photography. The different types of living and non-living things found in an ecosystem are discussed. Examples of the interaction of living and non-living factors are provided.

Other terminology includes: ecology, ecosystem, community, population, habitat, niche, biotic factors, abiotic factors, producer, consumer, decomposer, predator, prey, energy, and food chain. Includes 5-question video quiz and 25-page teacher's guide. Extra features on the DVD include index, slides, glossary, English subtitles, and an iMovie project. Primarily for Grades 3-5. Teacher's Guide (binder, 25 pp.).

Ecosystems; Ecology; Animals-Habitations; Environment; Animals-Study and Teaching; Life Sciences; Food Chains (Ecology); Erac Evaluated Resource 2007; Adaptation (Biology)

ERAC Evaluated Resource 2007

Electricity and Electronics Series

This series provides a comprehensive video guide to the study of electronics, ranging from the fundamental laws and principles of electricity at the atomic level to troubleshooting and repair of electronic components.

Lively computer animation, cutaways, and hands-on demonstrations are effectively used to demonstrate construction, operation, and applications of electronic components. Online Guide.

Electricity; Electricity-Experiments; Technical Education; Electronics-Study and Teaching; Electronics

Electrical Components Part I: Resistors, Batteries, and Switches

1700586 DV

MS 22 min CA 2006 McIntyre Media Inc

This program introduces fixed, variable, and ballast resistors, their purposes and types, as well as the reading of ohm ratings according to colour bands. It also covers the anatomy of a battery and shows how it provides electrical energy. Various switches are depicted, with reference to their applications.

Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components function. This is an informative DVD that will strengthen your curriculum. Ideal for classes in electricity / electronics, technology, auto mechanics, and other technical areas. Online Guide.

Batteries; Electricity-Experiments; Electricity; Technical Education; Erac Evaluated Resource 2007

Electrical Components Part II: Capacitors, Fuses, Flashers, and Coils

1700587 DV

MS 14 min 2007 McIntyre Media Inc

Capacitors, fuses, fuse links, circuit breakers, flashers, coils, and other devices are discussed in this training tape.

Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components are constructed and how they operate. Online Guide.

Technical Education; Erac Evaluated Resource 2007; Electricity-Experiments; Electricity

Electrical Components Part III: Transformers, Relays, and Motors

1700588 DV

MS 15 min CA 2006 McIntyre Media Inc

This program introduces and demonstrates the function of transformers, relays, and motors. It

also illustrates measurement by instruments.

Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components are constructed and operate. An essential training program for students of electricity / electronics, technology courses, auto mechanics, and other subject areas involving electricity and electronics. Online Guide.

Electricity; Erac Evaluated Resource 2007; Technical Education

Electrical Principles

1700589 DV

MS 18 min 2007 McIntyre Media Inc

Introduces the basics of electrical circuits and related components such as wires, switches, insulators and power sources. Information ranges from the atom and its charged particles to simple electrical circuit setup and applications. Instruments to measure current and voltage are used. Differences between direct current and alternating current are demonstrated. The role of magnetic fields as it relates to electrical principles (electromagnets and solenoids) is illustrated.

Computer animation adds interest as the DVD comes to life in its coverage of atoms, conductors, insulators, free electrons, voltage, current, resistance, magnetism, attraction-repulsion, electromagnets, a simple circuit, and other electrical principles. Ideal for courses in electricity, physics, science, automotive, and technology. Online Guide.

Erac Evaluated Resource 2007; Electromagnetism; Technical Education; Electricity; Electric Circuits

Electrical Circuits: Ohm's Law

1700585 DV

MS 17 min 2007 McIntyre Media Inc

This DVD uses 3D animation and live action to make basic electrical circuits come to life. The properties of series, parallel, and series-parallel circuits are easy to grasp when you can see the electrons flow through each circuit leg in each circuit type.

Ohm's Law is illustrated with animated pie charts and basic calculations that isolate each section of the circuit. Information ranges from the atom and its charged particles to simple electrical circuit setup and applications. Instruments to measure current and voltage are demonstrated. Electrical principles pertaining to electromagnets and solenoids are explained. A must for introductory electricity-electronics, auto mechanics, and technology courses. Online Guide.

Electricity; Erac Evaluated Resource 2007; Electric Circuits; Technical Education

Elements of Chemistry Series

Elements of Chemistry Series is a six-part series of programs to help students understand the fundamental concepts of chemistry. The attractive images and engaging narration of the programs have been designed by educators and filmmakers to help students understand the sometimes complicated explanations and theories of this important branch of science. Guide. Blackline Masters. CC.

Chemistry; Carbon; Organic Chemistry

Acids and Bases

1700546 DV

MS 56 min 2006 Marlin Motion Pictures

Explore the chemistry of acids and bases to see how fundamental they are to the functioning of our world. Students will see how these two classes of compounds combine to produce salts. Then they will learn about the pH scale, acid rain, and human cells.

1) Properties of Acids and Bases (2 mins) – Discover the general properties of acids and bases and see why water is an important factor in determining whether a substance is an acid or a base.

2) What Makes An Acid? (4 mins) – Examine the three defining theories about how acids and bases operate.

3) Weak or Strong? (4 mins) – Explore how the pH scale is used to measure the differences between substances and determine the strength of an acid or a base.

4) Neutralization and Buffers (4 mins) – Discover the important role that chemistry of acids and bases plays in real life.

5) Digestion (6 mins) – Examine the human digestive system and explore the role that acids play in digestion.

6) Aspirin (4 mins) – Examine the history and properties of acetylsalicylic acid, a common chemical compound we call aspirin.

7) China: Surviving Vinegar (22 mins) – Explore the ancient techniques used to produce traditional Chinese vinegar, an acid. Online Guide.

Acids; Chemical Elements; Erac Evaluated Resource 2007; Salt; Digestion; Bases (Chemistry); Chemistry

Atoms

1700545 DV

MS 56 min 2006 Marlin Motion Pictures

Examine the fundamental building blocks of all matter and how knowledge of the atom has changed our view of the universe. Students will take a look at the structure of atoms and at the composition of different elements, isotopes, and ions. They

ERAC Evaluated Resource 2007

will also be introduced to the basic ideas of quantum theory.

1) Atoms and Isotopes (5 mins) – Discover the properties and composition of atoms and isotopes and learn how to determine the atomic mass of an element.

2) Stable Ion (4 mins) – Ions are created when atoms gain or lose at least one electron. Examine positive and negative ions in the context of nuclear radiation and fission and fusion reactions.

3) Electron Behaviour (6 mins) – Gain an understanding of the structures of atoms and the behaviour of electrons to see how it is possible to predict how electrons combine.

4) The Red Bomb: Stolen Secrets (33 mins) – Trace the history of the first Soviet bomb which was built in part thanks to secrets stolen from the US. Online Guide.

Atomic Bomb; Chemistry; Atoms; Electrons; Matter; Physical Sciences; Erac Evaluated Resource 2007; Quantum Theory; Soviet Union–History

Carbon Chemistry

1700547 DV

MS 56 min 2006 Marlin Motion Pictures

Life as we know it could not exist without carbon. Introduce students to this element's unusual properties and to the crucial role carbon plays in everything from hydrocarbons to human tissue.

1) The Elements of Life (4 mins) – Learn about the chemical and physical properties of carbon, the foundation of the molecular structure of all plants, animals, and microorganisms.

2) Hydrocarbons (5 mins) – See how hydrocarbon compounds are formed and learn about the differences between alkane, alkene, and alkyne.

3) Functional Carbon (5 mins) – Examine the structure and function of different hydrocarbon derivatives and discover the problems associated with carbon polymers.

4) Famous Diamonds (32 mins) – Hear tales of famous diamonds and learn how these sparkling gems are created and protected. Online Guide.

Carbon; Erac Evaluated Resource 2007; Chemistry; Chemical Elements; Diamonds

Compounds and Reactions

1700544 DV

MS 56 min 2006 Marlin Motion Pictures

Explore how fewer than a hundred elements combine to form the millions of substances found in the universe. Students will learn about a variety of chemical reactions, including electrochemistry.

1) A Matter of Change (4 mins) – Examine physical, chemical, and nuclear changes in matter and see how they help shape the power of the universe.

2) Bonds: Keeping It Together (6 mins) – Learn how ionic and covalent bonds occur and examine the importance of valence electrons to both types of compounds.

3) Reacting to Chemical Change (6 mins) – Investigate different kinds of chemical reactions and explore the processes of oxidation and combustion.

4) What Caused the Hindenburg Disaster? (32 mins) – Investigate the cause of the Hindenburg airship disaster and find out more about this terrible tragedy. Online Guide.

Chemistry; Travel; Physical Sciences; Chemical Elements; Disasters; Chemical Reactions; Matter–Properties; Erac Evaluated Resource 2007; Periodic Table; Flight

Solids, Liquids, and Gases

1700543 DV

MS 56 min 2006 Marlin Motion Pictures

Investigate the different states of matter to help students understand the kinetic-molecular theory and which variables determine the state of an element or substance.

Students will learn the role temperature and pressure play in determining the state of an element or a substance. They will also review gas laws and the characteristics of liquids and solids.

1) The Gaseous State (6 mins) – Discover the properties and characteristics of gases and learn about the scientific laws describing their behaviour.

2) A Matter of Fact (4 mins) – Explore the assumptions behind the kinetic-molecular theory of matter and see how it explains the behaviour of matter in each of its three states.

3) Liquids, Solids, and Something In-Between (5 mins) – Learn about the unique properties and characteristics of water in its three states while investigating other solids, liquids, and gases.

4) Understanding Ice (34 mins) – Examine the scientific discoveries that Antarctic ice samples have revealed, how melting sea ice affects the climate, and how some frogs have adapted to surviving a deep freeze. Online Guide.

Chemical Elements; Liquids; Erac Evaluated Resource 2007; Matter; Matter-Properties; Solids; Gases; Ice

Everyday Simple Machines

1700681 DV

PI 14 min 2007 McIntyre Media Inc

A day does not go by without using simple machines. This program explores the six major types of simple machines with practical, colourful examples of each. Vivid video footage illustrates how each of the following simple machines works and makes our lives easier: levers, inclined planes, wedges, screws, wheel and axles, and pulleys.

Other important terminology includes: compound machine, work, effort, force, and mechanical advantage. Primarily for Grades 3-5. Teacher's Guide (binder, 25 pp.).

Erac Evaluated Resource 2007; Energy; Work (Mechanics); Force and Energy; Simple Machines; Physics; Science-Study and Teaching; Machinery; Motion

Expert Witness

1700612 DV

S 21 min 2006 McIntyre Media Inc

W5 Series - This is a case study of the failure of due process in a criminal investigation and conviction, and its subsequent effect on the wrongfully convicted and their relatives. Although not specifically designed for classroom use, this piece of conventional investigative journalism lends itself quite naturally to straightforward lesson application.

It is ideal for Law 12 students as they examine the criminal process. As well, the program can be used to examine and discuss investigative techniques and their inherent pitfalls.

Administration of Criminal Justice; Psychology-Pathological; Law-Canada-History; Erac Evaluated Resource 2007; Law; Law-Study and Teaching; Law-Canada; Criminal Law; Criminal Procedure; Criminal Investigation; Crime

The Explorers Series

The Explorers: The Dawning of the ERA of Exploration

1700631 DV

IM 20 min 2006 Marlin Motion

Pictures

Grades 6-8 students will discover the factors that influenced transoceanic exploration during the 15th century. The navigation and shipbuilding advances made by the Spanish, Portuguese, and Chinese helped Europe find a trade route to Asia and the New World.

European explorers embarked on a centuries-long quest to discover lands and treasures around the globe.

ERAC Evaluated Resource 2007

European exploration was first motivated by a need to find faster and less hazardous trade routes to the Indies. Learn how they founded colonies, contacted native peoples, and brought vast riches to their rulers in Europe. Learn how goods were transported over the Great Silk Road.

During a period called the Renaissance, Europe enjoyed a blossoming of the arts and sciences. Discover how the increased availability of books and maps promoted global exploration.

The Vikings reached and settled parts of North American countries before other Europeans who were not aware of the Viking explorations. Identify the conditions that drove the Vikings to cross the northern seas.

The Portuguese made important contributions to the advancement of world exploration including celestial navigation and the development of innovative oceangoing vessels called caravels. Consider why a prince helped navigators master their skills.

Navigation; Civilization-History; Erac Evaluated Resource 2007; Explorers; Vikings; Discoveries (In Geography); Europe-History

Francisco Pizarro and the Inca

1700632 DV

IM 20 min 2006 Marlin Motion

Pictures

This program documents the expeditions of Francisco Pizarro and his fateful encounters with the Inca Empire. The empire of the Incas is detailed from its geographical breadth to its system of government, agriculture, family life, and religion. South America's most powerful indigenous people, the Inca, began as a small, warlike tribe in the Andes Mountains. The Inca conquered neighbouring tribes and forced them to build structures for their civilization.

The Inca produced their food and clothing within a highly developed system of agriculture. Examine the products and practices that made the Inca agricultural economy a success.

The Inca worshipped several gods and goddesses including Viracocha, the deity they believed created all things. Investigate the role religion played in their culture, daily life, and politics.

Spanish exploration and conquest 1492-1521 - Throughout the New World, Spanish explorers brought change and destruction to the civilizations they discovered. Examine the effect of Spanish influence on the history of the Western hemisphere.

The conquest of the Inca 1531-34 - Early Spanish explorers conquered and ruled the lands where the nations of Ecuador, Peru, Bolivia, Chile, and

Argentina now exist. Pizarro's early army career is covered as well as expeditions to Columbia and Panama, and the capture of the Inca emperor Atahualpa. Following Atahualpa's death, the Spanish conquered much of the rest of South America. Analyze Pizarro's strategy for toppling the Inca empire.

Erac Evaluated Resource 2007; Explorers; South America-History; Pizarro, Francisco, 1471-1541; Discoveries (In Geography); Civilization-History; South America-Civilization; Incas

Exploring Space Series

The Universe: The Vast Reaches of Space

1700570 DV

IM 25 min 2006 Marlin Motion

Pictures

Explore outer space. Visit the Milky Way and other types of galaxies, light years and the life cycles of stars, black holes, and dark matter. Discover the Big Bang theory and how the Doppler effect illustrates the constant expansion of the universe. Primarily for students in Grades 6-8. Online Guide.

Solar System; Black Holes (Astronomy); Stars; Erac Evaluated Resource 2007; Outer Space; Galaxies; Universe; Space Sciences; Astronomy; Planets

Exploring Stars

1700565 DV

PI 30 min 2005 Marlin Motion

Pictures

Of the billions of stars in the night sky, no two are exactly alike. Discover how they are classified according to size, surface temperature, and brightness. Then peer through the most advanced telescopes.

Characteristics of Stars - Examines how we measure the difference between stars and the importance of the sun.

Understanding Stars - Looks at how stars are formed and the lifespan of small, medium, and massive stars.

Studying the Stars - Shows how advanced telescopes - VLA radio telescopes, infrared telescopes, and the Hubble Space Telescope - have expanded our view of the universe. Primarily for students in Grades 3-6. Online Guide.

Telescopes; Stars; Sun; Erac Evaluated Resource 2007

Exploring the World's Geography

1700563 DV

PI 26 min 2004 Marlin Motion

Pictures

Students experience the unique characteristics of each continent in this wide-ranging overview. Primarily

ERAC Evaluated Resource 2007

for students in Grades 3-6.

Latin America (6 mins) – Learn about the different, varied, and immense environments of Latin America, from farmlands to mountains.

Europe and Russia (6 mins) – Although it is the second smallest continent, Europe has a lot of geographical variety. Explore the natural resources of Europe and Russia.

Africa (5 mins) – Africa is the second largest continent. See how the unique geography of Africa makes this continent an ideal home for a large variety of wildlife and peoples.

Asia and The Pacific (6 mins) – Explore Asia and the Pacific where more than three-fifths of the world's people call home, even though much of the land is uninhabitable. Online Guide.

Africa–Geography; Geography; Physical Geography; South America–Geography; Erac Evaluated Resource 2007; Asia; Geography–Study and Teaching; Russia; Europe–Geography

Fifth Estate Series

For descriptions see individual titles:
The Steven Truscott Story: Moment of Truth [1700656]

Fouine En Fête - Carnaval de Québec

1700666 DV
MS 15 min 2007 Filmoption International
Joyeux Carnaval!! B.B. rend visite a Sara et Henri, deux jeunes quebecois qui partagent leur experience du Carnaval, le plus grand festival d'hiver dans le monde. Ils participent tous aux glissades, le traineau a chiens et la randonnee a la raquette. Ils font une visite d'un musee historique ainsi que le chateau de glace et apprennent comment les sculptures de glace sont creees.

es etudiants decrivent leurs activites preferrees et les moyens de transport varies. Pour plus de details du programme et des suggestions d'utilisation dans la salle de class, veuillez consulter l'entree: Fouine en fete.

Erac Evaluated Resource 2007; Festivals; Quebec (City)–Social Life and Customs

Four Seasons in the Garden Series

The garden changes everyday. Today the trees are in blossom, tomorrow we have to sow carrots, and later still we must get rid of the caterpillars.

The Four Seasons in the Garden Series follows the many activities of the gardener, introduces the animals of the vegetable garden and the

orchard, and shows the wealth of produce through the seasons. Primarily for Grade 3 students.

Gardens; Food Supply; Gardening; Plants–Edible; Vegetable Gardening

The Vegetable Garden Through the Seasons

1700668 DV
P 29:25 min 2006 Cine Fête
A virtual garden experience for those children who are unsure or unaware of where and how we obtain our food. From seed to harvest, the narrator clearly explains what the gardeners are doing and explains why. Tools and techniques are illustrated and described.

The video images are clear and the use of closeups where appropriate supports the children's understanding of the planting, care, and harvesting of the plants.

This program could be used to develop understanding of where our food comes from and how it is produced. It can also be used to illustrate seasonal changes in plant growth, weather, and tasks associated with producing our food supply. Primarily for Grade 3 students.

Gardening; Gardens; Plants–Edible; Erac Evaluated Resource 2007; Food Supply; Vegetable Gardening

Friends Don't Let Friends Drive Drunk

1700625 DV
MS 15 min 2003 Marlin Motion Pictures
A grieving teen whose boyfriend died while driving drunk starts a school organization called Students Arrive Alive to encourage young people to intervene when friends want to drink and drive. But when she is confronted with a drinking date and the decision whether to ride with him or not, she does not live up to her own standards.

Youth–Attitudes; Drunk Driving; Family Life Education; Erac Evaluated Resource 2007; Youth–Alcohol

Get Strong 101

1700608 DV
PIMSTA 92 min 2006 Engage Communications Inc
Lead by Judy Notte Howard whose clear and friendly approach is for any age, from 9-99, produced specifically for the 'tweens' but perfect for family fitness for parents and kids to become stronger, faster, and more agile. Get strong for sport, everyday activities, or just to feel healthy and strong with this wonderful montage!

101 strength and conditioning skills, drills, and games in 12 categories. Learn the same drills elite athletes use, and discover how to create a

body that reacts like a professional athlete. Each skill is a separate video!

This is what teachers and kids need in class or out of class, warm up, cool down, sport specific, teacher and student directed. Upper and lower body, quickness, agility, speed, core, balance, stretching, bands, total body, fun and games, and 5-, 10-, or 15-minute sample workouts for small or large spaces.

Student Activities; Sports; Erac Evaluated Resource 2007; Physical Education; Elementary Education–Class Activities; Exercise; Healthy Living; Physical Fitness; Movement Education

The Greenhouse Effect: Climate Change and Global Warming

1700573 DV
S 25 min 2006 Distribution Access
Contains an advanced version for senior students (primarily Grade 10) with indepth analysis of greenhouse gases and their effects. In addition, there are fascinating extras including ice core research in Antarctica, how warming threatens coral reefs, and how carbon capture and storage work.

What are greenhouse gases and are they really causing climate change? Global warming has suddenly become the hottest environmental issue, and this program clearly explains the science of greenhouse effect and the evidence that we are causing climate change. Examples are provided. Content is logically divided into several sections, each clearly indicated. Definitions are given in graphic format making note-taking easier. Graphs are used to good effect.

The program provides good support for the new Science 10 curriculum and could be used as the main source of information on this topic. It could also be used to stimulate discussion and present ideas on solving this urgent problem. Online Guide.

Erac Evaluated Resource 2007; Coral Reefs and Islands; Greenhouse Effect; Climate; Global Warming

Heads Up! Series 2

In Heads Up! Series 2 astronomy and astronautics take on a whole new and wondrous realm as Bob MacDonald (Quirks and Quarks and Wonderstruck) explains and demonstrates complicated concepts in a fun and logical way that all can understand. In Heads Up! Series 2 you will:

Explore – A huge lunar habitat where people work, play, eat, and sleep on the moon; ice volcanoes on a frozen moon called Triton; the edge of space to find out if there is a centre at all.

ERAC Evaluated Resource 2007

Discover – How Galileo proved that the ground beneath our feet is moving through space faster than rocket ships; how the Earth and even our bodies are made up of stars that exploded long ago; how we may choose a language to talk to extraterrestrials.

Meet – Young people building a Mars colony; Canadian astronauts training for their flights into space; a modern day comet hunter; the person who discovered the first black hole. See – A plasma rocket able to propel astronauts to other worlds; Roswell, where some say there is an alien spaceship; the International Space Station; inside the sun to see how it moves like a huge pot of boiling soup.

Experience – Space simulators that give the illusion of being in orbit; what would happen if you made the plunge into a bottomless hole in the fabric of space; bizarre conditions creating lightning bolts longer than continents.

Outer Space; Space Sciences;
Outer Space–Exploration; Space

How Big Is the Earth?

1700621 DV

PIM 28 min 2006 Filmwest Associates

We used to think the Earth was flat. More than 2,000 years ago a simple experiment with a stick made the first measurement of our round planet proving it is much bigger than anyone thought. Now satellites look down on our planet every day tracking weather, ocean currents, ice caps, and forest cover.

Come to Egypt where ancient scientists discovered the true size of our planet and see the modern view from above that shows how small it actually is.

Earth–Study and Teaching;
Satellites; Erac Evaluated Resource 2007;
Earth–Photographs from Space

What Happens When You Fall into a Black Hole?

1700622 DV

PIM 28 min 2006 Filmwest Associates

They are the most bizarre objects in the universe – holes in space where you can fall into another universe. What are these weird objects and how do they form? Meet the person who discovered the first black hole and find out what would happen if you made the ultimate plunge into a bottomless hole in the fabric of space.

Learn about the black holes' relatives – pulsars and neutron stars – where a teaspoon of material weighs more than a thousand elephants!

Black Holes (Astronomy); Outer Space; Erac Evaluated Resource 2007; Universe; Space; Stars; Space Sciences

Where's Our Place in Space?

1700615 DV

PIM 28 min 2005 Filmwest Associates

Primarily for Grades 3-7, did you know that you live in a suburb of the Milky Way Galaxy, our city of stars? Just as you might get lost in a big city at night, we climb up to a lookout and survey the entire city below. Then we look up at the stars and try to figure out our place in space.

We learn that our Milky Way Galaxy is a stellar metropolis complete with downtown core, suburbs, and city limits. There are more stars in our galaxy than grains of sand on a beach. To get a sense of how big our home is, we build a model of our solar system inside a giant, domed baseball stadium. By the end of our story, you will feel very tiny and right at home in the Milky Way.

Erac Evaluated Resource 2007;
Space; Earth–Study and Teaching;
Galaxies; Space Sciences; Stars;
Outer Space

Why Do Comets Have Tails?

1700616 DV

PIM 28 min 2005 Filmwest Associates

Primarily for Grades 3-7, join us as we fly right through the tail of a comet onboard the Stardust spacecraft. The robot was sent on a long journey to pick up bits of dust from the long tail and return them to Earth. The long, wispy tails of comets have amazed and frightened people for centuries, and there are lots more of them out there.

We meet a modern day comet hunter who has discovered many new ones, including one that crashed into Jupiter. Learn tips on how to find one yourself. If you do, you get to name it!! Find out what these mysterious objects are made of by making one in your kitchen and try flying a kite off its low gravity, icy surface.

Space; Outer Space; Erac Evaluated Resource 2007; Space Sciences; Comets

What Are Shooting Stars?

1700617 DV

PIM 28 min 2005 Filmwest Associates

Rocks from space fall to Earth every day. Called meteoroids, these rocks are mostly very small pebbles that drift our way from the asteroid belt beyond Mars. Every now and then a large object like a comet or asteroid strikes the Earth causing massive explosions that can wipe out life.

We visit a meteor crater, a giant hole

in the ground created when a house sized object crashed to Earth 50,000 years ago. We meet the astronomers who are searching the skies for other objects out there that could hit us in the future and look at plans to do something about it if one of them is heading our way.

Space Sciences; Outer Space;
Erac Evaluated Resource 2007;
Meteors; Stars; Space

Where Do Stars Come From?

1700624 DV

PIM 28 min 2006 Filmwest Associates

What do stars and cars have in common? They can both be recycled. Stars seem to live forever but eventually they run out of fuel and die, sometimes in spectacular explosions.

The remains of dead stars are blown through space and later become material for new stars and planets like the Earth. Old cars that are crushed, melted down, and made into things like pop cans. Find out how the Earth and even our bodies are made up of stars that exploded long ago.

Space Sciences; Outer Space;
Erac Evaluated Resource 2007;
Stars; Space

Heidi Rathjen: From Tragedy to Triumph

1700651 DV

IMSTA 46 min 2003 Cine Fête
December 6, 1989: Marc Lépine entered the École Polytechnique, Montreal, and shot 14 women. Heidi Rathjen was there, and she never forgot.

This documentary tells the story of a courageous young woman and her fight to prevent further atrocities. This DVD reports the tragic events by relating the journey of the young woman from the tiny student union rooms to the cozy lounge of the House of Commons. Armed with courage and her sense of civil justice, she'll quit a lucrative job at Bell Canada to create the Coalition for Gun Control.

Victims of Crime; Women–Canada–History; Montreal (Québec); Murder; Crime; Women–Canada–Social Conditions; Women–Civil Rights–History; Women–Canada–Law and Legislation; Erac Evaluated Resource 2007; Guns; Crime Prevention; Women–Civil Rights

The History of Hybrids

1700582 DV

MS 20 min 2007 McIntyre Media Inc
If your students think hybrids are a new idea, show them how far the hybrid engine has come since the 1800s. This DVD surveys the historical background of hybrid technology, introduces students to hybrid configurations currently on the

ERAC Evaluated Resource 2007

road or in development, and explains the basic principles of hybrid engine propulsion.

It begins with the history of hybrid automobiles, and then moves on to the physics and technology of hybrid engines, distinguishing between mild and full hybrid functions. Information is well organized, properly paced, and can be viewed in chunks. Graphics and animations are used to illustrate the design and operation of hybrid engines. Online Guide.

Engines; Industry–History; Erac Evaluated Resource 2007; Mechanical Engineering

Holocaust: A History

1700642 DV
IMS 40 min 2006 Educational Video Network, Inc

This program examines the historical struggle of the Jewish people leading up to the Nazi Holocaust. Topics covered include Hitler's motivations and his rise to power, the ramifications of his "New Order" of Aryan Predominance, the events of Kristallnacht, and life in the concentration camps.

Viewers will see how Hitler put his plan to annihilate European Jews into motion and learn about the horror that can result from intolerance and fear of diversity. Includes archival footage. Caution: Images of a graphic nature are in this program. Viewer discretion is advised. Online Guide.

Erac Evaluated Resource 2007; Hitler, Adolph, 1889-1945; Jews–Persecutions; Holocaust, Jewish (1933-1945); Erac Evaluated Resource 2008; Jews–History; Jews

Holocaust Survivors: In Our Own Words

1700626 DV
MS 30 min 2004 Marlin Motion Pictures

Adolf Hitler and his Nazi party's reign of terror during World War II cost the lives of nearly 30 million people, including 6 million Jews and 5 million others systematically exterminated for racial, ethnic, or national reasons. In this compelling program, Holocaust survivors tell their stories unveiling individual experiences within the historical narrative of WWII.

The program also raises issues of prejudice, racism, social apathy, and governmental abuse of power. Excellent support for social studies and civics units pertaining to social diversity and tolerance, as well as the historical and contemporary consequences of a breakdown in law and denial of individual rights.

Hitler, Adolph, 1889-1945; World War 1939-45–Jews; Jews–Persecutions; Erac Evaluated Resource 2007; World History–20th Century; World War 1939-45–Personal Narratives; Holocaust, Jewish (1933-1945)

How Much Should I Eat?

1700584 DV
IMS 25 min 2007 McIntyre Media Inc

This program reveals ways to determine the amount of hidden calories found in prepared foods, sidestep the psychological manipulation used to create the illusion of fewer calories, and interpret food labels to help dish out reasonable portions.

In 2005 THE Pyramid was replaced by a series of MyPyramids which recommend eating more fruits, vegetables, and whole grains and watching fats and calories. How MUCH to eat remained elusive. Finding that answer is complicated by the fact that we live in a "supersize" culture in which our perception of what is an appropriate serving of food is distorted. This will help your students develop portion awareness. They will become better judges of how much they can eat so they take control of their own nutrition.

The presentation is fast-paced with well-placed graphics, titles, and captions help students stay focused. Note: Information is based on the American Food Guide and contains imperial measurements. MyPyramid uses measures like cups, ounces, teaspoons, and ounce and cup equivalents. What is an ounce equivalent of grain? What does a cup of vegetables look like? How can you identify an ounce of bread, a quarter cup of nuts, or three teaspoons of oil? Online Guide.

Health; Healthy Living; Obesity; Food; Health Education; Erac Evaluated Resource 2007; Nutrition–Study and Teaching; Children–Nutrition; Teen Guidance; Diet; Nutrition

How Rude! 10 Rules of Common Courtesy

1700689 DV
MS 18 min 2006 McIntyre Media Inc
Teens deserve a school climate that is safe, respectful, and friendly. This program presents strategies to teach and reinforce civility and common courtesy in and out of school. Scenarios range from classroom behaviour to cyberspace etiquette, use of cell phones, interrupting, wise-cracking, public behaviour and language, courtesy to teachers, and respect for people and property.

Using dramatic vignettes, viewers learn to identify rude behaviour and stop it. Viewers also learn strategies

for interacting with teachers, parents, and all adults to encourage positive, comfortable outcomes. As students become more conscious of the negative impact of rude behaviour on both themselves and others, they see that using good manners demonstrates self control and maturity. Give your students a clear understanding of how treating others with kindness and respect is a source of personal power and self-esteem, as well as the right thing to do. Teacher's Resource Book (binder, 39 pp.).

Manners and Customs; Dinners and Dining; Social Interaction; Teen Guidance; Self Respect; Courtesy; Erac Evaluated Resource 2007; Ethics; Social Values; Etiquette

If the World Were a Village

1700643 DV
PI 24 min 2006 Visual Education Centre

Come and learn about our global village to find out who we are, where we live, how fast we are growing, what languages we speak, what religions we practice, and more. This DVD takes a complicated subject and puts it into terms that can easily be understood and explored creating connections to the world at large.

In this animated program the concept of a global village is made accessible by reducing the world population of 6.5 billion to create a representative village of 100. With this baseline established, it is easier to compare and understand the impact of various aspects such as language, economics, religion, population distribution, food supply, hunger, water, and the environment.

In a world of increasing connectivity, it is important that students are aware of the many races, religions, and realities that people the world over face. This resource can be used to support multicultural studies, social studies, math, and language; units dealing with probability, distribution, or graphing in mathematics; the Grade 5 study of immigration; as well as for the ongoing discussion of global issues. Based on the award-winning book and of interest primarily for Grades 2-6 students. Online Guide.

Erac Evaluated Resource 2007; Animated Films; Statistics–Graphic Methods; Probabilities; Population; Globalization; Multiculturalism; Sampling (Statistics)

In the Shadow of Gold Mountain

1700553 DV
S 43:04 min CA 2006 National Film Board

Personal narratives convey the history of Chinese immigration, the payment of the head tax, and the Exclusion Act. Moving accounts by those who endured these indignities and by their relatives create a disturbing picture of

a controversial period in Canadian immigration history, 1885-1947.

Karen Cho's film takes her from Montreal to Vancouver to uncover stories from the last living survivors of the Chinese Head Tax and Exclusion Act. Through a rich melding of history, poetry, and raw emotion, this documentary sheds light on an era that shaped the identity of generations.

Discrimination faced by immigrants in urban settings is discussed. Archival photographs and footage of the gold rush and railroad construction add interest. With deeply moving testimonials, the profound ways this history still casts its shadow is revealed.

Gold Discoveries–Canada; Erac Evaluated Resource 2007; Canada–Immigration and Emigration; Discrimination; Chinese Canadians; Immigration and Emigration

Inside Out Series

The Inside Out Series offers a comprehensive introduction to psychology that goes beyond key concepts and principles to provide learners – and anyone interested in the study of human behavior – an up-to-date look at the evolving world of psychological science. Combines interviews with leading experts and researchers, computer graphics and animation, and real life case studies that tell the story of psychology from a human perspective.

Psychotherapy; Psychology; Psychology–Physiological; Mental Illness; Human Behaviour

Getting It Together: Therapy

1700604 DV
S 29 min CA 2006 Distribution Access

Until recent decades little was known about how to treat psychological disorders. People who were seriously disturbed were hidden away or confined to institutions and treated in ways that look appalling by today's standards.

This episode looks intently at both psychological and biomedical therapies and combined approaches that are proving successful in the treatment of mental illnesses. The role of the therapist and the support of community and family are key ingredients in long-term recovery efforts.

Human Behaviour; Psychology; Mental Illness; Psychology–Physiological; Erac Evaluated Resource 2007; Psychotherapy

ERAC Evaluated Resource 2007

Inside the Pyramids

1700541 DV
MS 56 min 2005 Marlin Motion Pictures

Some of the world's greatest monuments, pyramids combined colossal mass with precision engineering. For more than 4,000 years these structures built by peasant societies with the simplest of tools were unsurpassed.

1) The Pyramids of Egypt (16 mins) – Several ancient cultures built pyramids, but the Egyptians were the first to do so. Explore the earliest pyramids and the theories about how they were built.

2) Ancient American Pyramids (12 mins) – Ancient pyramids were built for several reasons, including as ceremonial sites for human sacrifices. Examine the pyramids built in the Americas and their suspected purposes.

3) A Worthy Resting Place (12 mins) – Pharaoh Sneferu may be the most important Egyptian because he inspired a tradition of pyramid building. Explore his struggle to build a tomb fit for a king.

4) The Bent Pyramid and Beyond (6 mins) – Sneferu built two pyramids after experiencing failure at Maidum. Learn about Sneferu's successful pyramids and the monuments that followed. Online Guide.

Egypt–History; Ancient History; Erac Evaluated Resource 2007; Egypt–Civilization; Pyramids; Egypt–Antiquities; Ancient Civilizations

The Jeff Corwin Experience Series

Series follows Corwin as he tracks various animals throughout the world. Primarily for students in Grades K-8. Online Guide.

Insects; Spiders; Scorpions; Beetles

Insects and Arachnids

1700569 DV
PIM 30 min 2005 Marlin Motion Pictures

How do spiders and other arachnids differ from insects? Travel around the world with Jeff to learn the answer. You will visit Spain for a look at the dung beetle, Morocco to view scorpions, and Africa to observe termites. Online Guide.

Insects; Scorpions; Spiders; Erac Evaluated Resource 2007; Beetles

Land of Extremes

1700605 DV
IMS 52 min 2006 National Film Board

Canada's North is a vast canvas of towering landscapes and untouched nature. In these remote, wild lands the struggle for survival is intense.

We begin our journey at the freshwater delta of the north coast of the Yukon and go to nearby Herschel Island, a destination for many migrant birds. Later we visit the towering St. Elias Mountains and then on to Nahanni National Park featuring hot mineral springs, the dramatic Virginia Falls, and canyons that slice through the mountains.

National Parks and Reserves–Canada; National Parks and Reserves; Wilderness Areas; Yukon Territory; Northern Canada; Northwest Territories; Documentary Films; Erac Evaluated Resource 2007

Learning about Your Community Series

This series examines what a community is and who builds the community. Each DVD is divided into segments to be shown individually and includes a teacher's guide of support materials (separate CD-ROM). Each DVD in the series challenges students to examine critically the role each plays in our communities. The teacher's guides include key concepts and suggested activities for skill development. Primarily for Grades 3-6.

As children grow their horizons gradually expand from topics they can understand through their immediate experiences, such as themselves and their families, to include their immediate neighbourhood and the community in which they live. This series, beginning with "What is a Community?" and "Building a Community" outlines the importance of the various groups of people who work together to establish, maintain, protect, and care for our communities.

Community Life; Community Services

Building a Community

1700673 DV
P 10 min 2007 Ethos Ltd

Unlike pioneer families who cut down trees to build their homes and other buildings (sometimes with the help of nearby neighbours), today it takes many skilled workers to build a community. From heavy equipment operators to bricklayers and masons, skilled workers are needed to install electrical wiring and cables and hook up sewers and water to sinks. Roofers, painters, window and door installers, and landscapers are some of the many workers needed to build our communities – the residential areas where people live, and the commercial areas where people work.

Segments include – Introduction, First Communities, Communities Today, People Who Build Our Communities, and Summary. Primarily for Grades 1 & 2. 1 DVD. 1 Resource CD-ROM.

ERAC Evaluated Resource 2007

Online Guide (Activities Guide & CD-ROM Guide).

Community Services; Community Life; Erac Evaluated Resource 2007; Building

What Is a Community?

1700672 DV

PI 12 min 2007 Ethos Ltd

People, buildings, and land – all combine to form a community. The first communities, groups of people living in the same area, were started by early pioneer families. Although pioneer communities looked very different from communities today, modern communities also look different from each other.

All communities old or new, large or small, have people, sometimes from different parts of the world. All communities have buildings – places to live, work, go to school, etc. Big cities (urban areas) are divided into small communities and neighbourhoods. Towns and villages are smaller than big cities. People living in farming communities live in rural areas and often travel to nearby towns or cities to work or shop.

Segments include – Introduction, What is a Community?, How are Communities the Same?, How are Communities Different, and Your Community. Primarily for Grades 3-6. 1 DVD. 1 Resource CD-ROM. Online Guide (Activities Guide & CD-ROM Guide).

Community Life; Erac Evaluated Resource 2007; Community Services

Life Systems - Learning about Living Things Series

Learning to Classify

1700533 DV

P 15 min 2007 Ethos Ltd

Introducing students primarily in Grades 2, 3, and 6 to the process of classification, this DVD explains how grouping, and sub-grouping, plants and animals with common characteristics, has made it easier for everyone to learn about them.

Plants that make seeds – flowering plants and cone-bearing plants – and plants that do not make seeds – ferns, fungi, moss, algae – are discussed. As are animals with backbones (vertebrates) and animals without backbones (invertebrates). Video DVD (15 mins). Resource CDROM.

Erac Evaluated Resource 2007; Invertebrates; Scientific Classification; Biology; Plants; Animals; Vertebrates

Locomotion Series

Children from all around the world describe specific means of transportation which are essential to their lives. Whether they live in the country or in large cities, each child uses different and fascinating ways of getting around – travelling to school, visiting family, shopping, and going anywhere they need – the viewer will get a glimpse of their daily lives, environment, and culture.

This beautifully shot 26-part series shows how traditional means of locomotion are specially adapted to the geography, culture, and resources of their country. Get ready to take a ride on a tractor, sailboat, horse drawn carriage, snowmobile, rickshaw, seaplane, or simply by car, subway, and of course ... school bus!

The countries visited are Brazil, South Africa, Finland (Lapland), China, England, Italy, Japan, Costa Rica, Cuba, Senegal, Canada, Benin, Iceland, Israel, Jordan, France, the Philippines, Vietnam, India, Chile, Korea, Serbia/Montenegro. Live Action.

School Children; Travel; Transportation

Niels in Greenland

1700630 DV

PI 15 min 2005 Visual Education Centre

The modern is coupled with the traditional as Niels provides a glimpse into aspects of an Inuit boy's life. Niels is an 11-year-old who lives on the east coast of Greenland. His father hunts and fishes only for food. Dogs pull his sled. Niels goes on a search for a polar bear with his father using a kayak.

Students will be able to compare our modern Canadian homes with the homes depicted in the modern Inuit in a Grade 5 project, or to introduce Grade 4 students to the Inuit.

School Children; Travel; Erac Evaluated Resource 2007; Transportation

The Lowlands, Interior Plains and Cordillera

1700674 DV

IMS 30 min 2006 Ethos Ltd
Physical Geography of Canada Series

- The geophysical regions of the western areas of Canada are presented – from the Canadian Shield to the Cordillera region – from the formation of lowland areas to these areas today. The regional climate and vegetation are presented, and the influence the physical characteristics of the region has on economic development is examined.

Divides and explains each geological region – the Canadian Shield, Lowlands, and highlands. Hydroelectricity, farm regions, and

natural oil are used as examples of landscape dictating industry.

Segments – Intro, Lowland - An Introduction, Great Lakes / St. Lawrence Lowlands, Great Lakes Lowlands Today, Interior Plains - An Overview, The Cordillera Region, Cordillera Region Today, Hudson Bay & Arctic Lowlands, and Synopsis. 1 DVD. 1 Resource CD-ROM. Online Guide (Activities Guide & CD-ROM Guide).

Canada–Geography; Erac Evaluated Resource 2007; Physical Geography; Canada–Climate

Me & the Mosque / Une Femme Dans la Mosquée

1700607 DV

IMS 52 min CA 2005 National Film Board

In many mosques, women are put behind barriers, curtains, and partitions to pray and sometimes they are not even allowed inside. Journalist and filmmaker Zarqa Nawaz wants to know why! Zarqa visits mosques throughout Canada and talks to scholars, colleagues, friends, and neighbours about equal access for women.

Islam is the fastest growing religion in the world. In North America a large number of converts are women. Many are drawn to the religion because of its emphasis on social justice and spiritual equality between the sexes. When it comes to user friendliness for women, Canadian mosques run the entire gamut.

With original animation, archival footage, and deeply personal interviews, this DVD is a smart, self-aware, and whimsical story that documents the debates and presents the personalities on all sides of the issue. English Run Time = 52 mins; French Run = 45 minutes (English with French subtitles). Dolby.

Erac Evaluated Resource 2007; Islam; Religions; Sex Discrimination; Women–Civil Rights; Women–Canada

Mesopotamia: From Nomads to Farmers

1700538 DV

PI 20 min 2005 Marlin Motion Pictures

Explore the agricultural practices and technological devices that led to the rise of civilization in Mesopotamia. Meet the nomadic people who became farmers. And see how they established city-states, developed specialized work skills and advanced organized religion.

1) Inventions & Innovations in Ancient Mesopotamia (5 mins) – Discover how the Sumerians of Ancient Mesopotamia settled into the fertile valley between the Euphrates and

Tigris rivers while making important advances in agriculture, language, and timekeeping.

2) Development of the Sumerian City-State (4 mins) – The city-state of Nippur was considered the holiest city in all of Sumer. Learn about individuals' roles and the social hierarchy dictated within Sumerian society.

3) Religion & the Ruling Class of the Ancient Sumerians (4 mins) – The Sumerians believed that their laws were handed down from seven great gods. Find out how the priests and kings maintained order within Nippur and redistributed wealth through the system of taxation. Primary for Grades 3-6. Online Guide.

Ancient Civilizations; Civilization; Erac Evaluated Resource 2007; Agriculture; Civilization–History; Ancient History; Technology and Civilization; Mesopotamia

Mesopotamia: The Development of Written Language

1700539 DV

PI 20 min 2005 Marlin Motion Pictures

See how the Sumerians, who lived in the area between the Tigris and the Euphrates rivers, developed a written language. The ancient Sumerians realized a need to document their activities, laws, and myths. Discover how primitive pictographs evolved into a system of writing known as cuneiform. Examine how they carved cuneiform characters into clay tablets. Then explore Sumerian folktales.

1) Development of Writing in Mesopotamia (2 mins) – The next Sumerians realized a need to document their activities, laws, and myths. Discover how primitive pictographs evolved into a system of writing known as cuneiform.

2) The Role of Scribes in Ancient Sumerian Society (2 mins) – It took 12 years for Sumerian students to become scribes. Learn more about what the scribes documented as well as their importance to the ruling class.

3) Mesopotamian Myths (7 mins) – The story of Ziusudra and the Great Flood and the Epic of Gilgamesh were preserved by the Sumerian scribes saving these culturally significant stories for future generations. Primarily for Grades 3-6. Online Guide.

Language Development; Ancient History; Civilization–History; Mesopotamia; Language and Languages; Civilization; Erac Evaluated Resource 2007; Ancient Civilizations

ERAC Evaluated Resource 2007

Mesopotamia: Trade Routes and Transportation

1700537 DV

PI 20 min 2005 Marlin Motion Pictures

For the Sumerians, the Tigris River served as an important early trade route. They used it to obtain scarce commodities such as metal and wood in exchange for their grain. See how they traveled by river and overland to trade with India and Egypt. Then examine how technological advances, such as the cart, facilitated transporting people and goods.

1) Development of Trade in Mesopotamia (4 mins) – Once the farmers of ancient Sumer were able to raise a surplus of food, the Sumerians were in a position to trade with other cultures in the region.

2) Methods of Trade and Transportation (4 mins) – Traders in ancient Mesopotamia carried their goods overland on foot or with the help of donkey drawn carts. Others traveled down river or across the gulf in specially designed boats.

3) Trade Between Cultures in the Ancient World (3 mins) – Mesopotamia traders learned from other cultures as they exchanged agricultural products, raw materials, and other items of value with traders from foreign lands. Primarily for Grades 3-6. Online Guide.

Science and Civilization; Culture; Civilization–History; Erac Evaluated Resource 2007; Mesopotamia; Transportation–History; Ancient History; Ancient Civilizations; Technology and Civilization; Civilization

Natural Highs and the Truth about So-Called 'natural' Drugs

1700687 DV

MS 18 min 2006 McIntyre Media Inc Experiencing a natural high from sports, music, meditation, or just plain laughter is a one of the joys of human existence. This program describes the role of the brains reward pathways and how neurotransmitters such as dopamine, serotonin, and endorphins influence feelings of pleasure. It tackles the issue of using so-called natural drugs like marijuana and peyote.

Too many teens think that because these drugs are plant based, they are safe when in fact using they may irreparably harm the teenage brain. Inside a neuroscientists lab, viewers see how these drugs can cause a surge of dopamine and actually change the natural chemistry of the brain causing toxicity, addiction, behaviour changes, and memory loss. Case studies of real teens contrast the experience of teens who have learned to experience highs from healthy pursuits versus recovering marijuana

addicts – to reinforce the message. Teacher's Resource Book (binder, 44 pp.).

Family Life Education; Youth–Drugs; Erac Evaluated Resource 2007; Teen Guidance; Brain Damage; Youth–Drug Use; Taking Risks; Drugs; Brain

Newton's Laws of Motion

1700579 DV

S 25 min 2005 Distribution Access

A young female narrator helps to engage the audience in this fast-paced program that shows how Newton's three laws of motion can be used to explain and predict the motion of everyday objects. The effect of friction, including air resistance, is highlighted and the concept of inertia is illustrated with classic demonstrations.

Incorporates real world experiences and captions that show formula calculations. Information is divided into three main topics that could be viewed independently. Many sections promote the use of critical thinking and problem solving.

Features worked examples, questions for class discussion, as well as remarkable Rocketman who provides a dramatic example of the third law in action. Online Guide.

Motion; Friction; Physics; Erac Evaluated Resource 2007

North to Freedom: The Underground Railroad to Canada

1700645 DV

MS 20 min 2007 Canadian Learning Co

Takes you on the journey of brave men and women who travelled the Underground Railroad to freedom in Canada. Today Canadians take pride in the role their country played in offering sanctuary and true freedom to thousands of oppressed people.

Appealing music and primary-source photographs and documents enhance this thoughtful treatment of the Underground Railroad. Issues such as discrimination in the United States and Canada and adaptation by societies to new environments are addressed. Famous black Canadians and the communities they founded are portrayed well. The resource can be used for debate and critical analysis of the topic, as well as for comparing aspects of ethnocentric and multicultural communities. Overall, the program is well suited to the Social Studies 10 curriculum, and would need to be very carefully adapted to use with younger students.

DVD includes classroom activity, vocabulary words, and chapters on the underground railroad, slavery in Canada, routes, 'a new life,' the Dawn

Institute, Refugees' Home Society, and Puce near Windsor Ontario. Online Guide.

Blacks–Canada; Underground Railroad; Social Action; Erac Evaluated Resource 2007; Slavery; Social Change; Freedom

Outside the Wire

1700613 DV
IMS 20 min 2006 McIntyre Media Inc
W5 Series - CTV's Lisa LaFlamme spends 12 days 'outside the wire' with Canadian troops on their first mission into Taliban territory in Afghanistan. This well-paced documentary depicts Canadian soldiers' emotional highs, lows, and frustrations as they experience them in the actual combat zone in Afghanistan. The footage, which includes female soldiers, also shows technology used in modern warfare.

Sound and picture are of excellent quality; unique night scenes are filmed in infrared. This production will engage students studying global issues in Social Studies 11 and might also be used in connection with the Middle East section of History 12.

War; Erac Evaluated Resource 2007; Afghanistan; War–Psychological Aspects; Documentary Films; Canada–History–Military; Canada–Foreign Relations; Canada–Armed Forces

Physical Geography of Canada Series

For descriptions see individual titles: The Lowlands, Interior Plains and Cordillera [1700674]

Pioneer Heritage Series

A series of full motion, cross-curriculum DVDs. Included with each DVD are stated concepts and followup activities. The series begins with the struggle and hardships the earliest pioneers faced as they set about building shelter and preparing for the first winter in their new homeland.

Proceeding to the methods (and implements) used by the first settlers to clear the land and establish their first homes and farm, the third video in this series follows the establishment of the earliest pioneer village. 1 DVD. 1 Resource CD-ROM.

Villages; Pioneer Life

The Early Pioneer Village

1700555 DV
PI 14 min 2005 Ethos Ltd
Usually two of the first services in an early pioneer village were a sawmill and a gristmill. Because water power was needed to operate the mills, the location of early pioneer villages was determined by the availability of running water. Not only did a sawmill and gristmill make life easier for the people living in the area, these

ERAC Evaluated Resource 2007

services encouraged other people to come and settle there.

The general store was not only a place to buy, sell, and trade things, it was the post office and a meeting place. As other crafts and trades people moved to an area, the early pioneer village was established. Although not all villages were the same, many had a school, church, and an inn. Primarily for Grades 3-6. 1 DVD. 1 Resource CDROM (includes Activity PDF and Photo Gallery).

Villages; Pioneer Life; Erac Evaluated Resource 2007

Protecting Our Planet

1700566 DV
PI 30 min 2005 Marlin Motion Pictures
What changes is our planet facing, including the effects of nature's constant forces and the growing human footprint? And how can we protect Earth's riches for future generations?

Erosion – Investigate how wind, water, and ice create land formations, constantly changing Earth's surface.

Conservation – Explores ways we can help conserve and protect natural resources, especially clean air and water.

Galapagos – Travels to the Galapagos Islands to show the negative impact introduced species can have on isolated ecosystems.

Rainforest Plants – Examines this biome's layers and the link between rainforests and modern medicine. Primarily for students in Grades 3-6. Online Guide.

Man–Influence on Nature; Earth–Study and Teaching; Conservation of Natural Resources; Erac Evaluated Resource 2007; Ecosystems; Natural Resources; Biomes; Erosion; Rainforests

Rainy Day P.E. - Intermediate Grades

1700550 DV
I 25 min 1998 Distribution Access
Features aerobics to music with emphasis on group cooperative skills. Children will be enthused doing the Celebration Hand Jive and the Electric Slide – country line dance.

Also features exercises and games using creative and inexpensive objects (balloons and milk cartons) such as Balloons Up and Balloon Balance. Guide Inside Cover.

Elementary Education–Class Activities; Modern Dance; Physical Fitness; Healthy Living; Physical Education; Erac Evaluated Resource 2007; Student Activities; Exercise; Indoor Games

Rainy Day Recess 1 - Intermediate Grades

1700549 DV
I 12 min 1999 Distribution Access
Maximize classroom space and have fun with this invigorating program. Students will look forward to bad weather once they have experienced the Geography Jam and other new moves. Get heart rates up to refresh students and prepare them for more learning. Guide Inside Cover.

Healthy Living; Physical Education; Elementary Education–Class Activities; Student Activities; Physical Fitness; Exercise; Erac Evaluated Resource 2007

Rainy Day Recess #1 - Primary Grades

1700548 DV
P 13 min 1999 Distribution Access
Enjoy the perfect indoor recess. This exercise program is designed especially for the recess break.

This creative workout is divided into three equal parts – Alphabet Boogie warmup, Recess Rumble aerobic workout, and Follow the Leader cool down.

Features rhythmic activities utilizing all muscle groups. These easy-to-use routines are designed to be performed at students' desks. Children follow along with on-screen instructors and dance music. Your class will wish for rain everyday! Guide Inside Cover.

Exercise; Healthy Living; Erac Evaluated Resource 2007; Physical Fitness; Student Activities; Elementary Education–Class Activities; Physical Education

Real People Series

For descriptions see individual titles: Steroids: The True Story (Grades 7-12) [1700679]

Real World Science Series

The Real World Science series is designed to make science relevant in a child's everyday life. Peer hosts introduce live action, concrete situations in 20 programs to help teach scientific concepts and principles. Colourful graphics, animation, and detailed diagrams are used throughout the program to reinforce the learning process. These informative, fun-filled, 15-minute programs will enhance every elementary and middle school science curriculum.

Weather; Respiration; Climate; Science–Curricula; Skeleton; Muscles; Science–Study and Teaching; Simple Machines; Seeds; Plants; Science; Blood–Circulation

Real World Science: Respiratory & Circulatory Systems

1700663 DV

ERAC Evaluated Resource 2007

IM 15 min 2000 Canadian Learning Co
You take approximately 20,000 breaths a day. Your heart beats 100,000 times every day. This program explores the complex body systems relative to these vital processes – the respiratory and circulatory systems.

Using colourful visuals and lively, step-by-step narration, the program examines the structure, function, and importance of each system, and illustrates how they work both independently and together to keep us alive.

Erac Evaluated Resource 2007;
Respiration; Human Body; Blood–Circulation; Human Anatomy; Physiology; Lungs

Real World Science: Skeletal & Muscular Systems

1700662 DV
IM 15 min 2000 Canadian Learning Co
Explores the characteristics and functions of the bones and joints in the human skeletal system. Also examines the muscles, tendons, and ligaments that work in conjunction with the skeletal system to provide movement for the body.

Students will enjoy learning about the interdependence of these systems and the ways to maintain healthy bones and muscles.

Erac Evaluated Resource 2007;
Skeleton; Muscles; Human Body; Bones

Seeds and Plants

1700660 DV
IM 15 min 2000 Canadian Learning Co
Viewers are shown the immense diversity of the plant kingdom and will learn to identify seed plants. Detailed diagrams show the different parts of a plant, while colourful animation demonstrates how nutrients and water move through the plant. Includes vocabulary, quiz, and test.

Plants; Seeds; Erac Evaluated Resource 2007

Simple Machines

1700661 DV
IM 15 min 2000 Canadian Learning Co
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. Primarily for Grades 4-6.

Erac Evaluated Resource 2007;
Simple Machines; Science–Study and Teaching; Force and Energy; Work; Mechanics

Reflection: Plane Mirrors

1700653 DV
MS 8:24 min 2006 Visual Education Centre
Introduces geometry and ray diagrams to define properties of virtual images formed by plane mirrors. 3D animation.

Object & Image 4:07 mins

Plane Mirros 4:17 mins

Erac Evaluated Resource 2007;
Lenses; Physics; Mirrors; Optics; Light

Relative Location

1700552 DV
P 11 min 2006 Distribution Access
A walk through the park gives learners practice in describing relative location concepts related to direction, destination, order, and location. Recognizable scenarios, live action, and engaging animation build to give the young student opportunities to mentally anticipate and practice concepts and vocabulary.

Clear subtitles and good chunking make it versatile for general teaching while language and design make it very usable in ESL and modified programs.

The youthful narrator has a clear, well-paced, and engaging presentation style. Animation and still pictures combined with the actions of the narrator will keep children interested. Good review section at the end.

Erac Evaluated Resource 2007;
Direction Sense; Geography

Research Skills for Students Series

Throughout their lives, successful people use information to make decisions, solve problems, and communicate more effectively. Based on information literacy standards, this series helps students learn to navigate our complex, information-rich world through the development of critical research skills and the ability to access, evaluate, and use information.

This engaging and informational six-part series was developed with Joyce Kasman Valenza, a practicing librarian and authority on issues relating to research and information literacy. It includes skills such as how to focus and refine a research question, how to access information on the invisible Web, how to synthesize information throughout the research process, and how to communicate new knowledge most effectively.

Each program encourages students to be critically aware of their sources, processes, and products as they solve genuine research and information problems. Online Guide.

Research; Information Literacy; School Libraries–Research; Educational Research; Information Technology

Evaluating Sources

1700577 DV
MS 23 min CA 2004 Distribution Access
Finding the right answers and best available research means knowing how to evaluate information. What are the author's credentials? Is he or she credible? Is the information accurate and relevant to the focus or question? Is the information up to date?

At every stage of the research process, exploring these questions leads to sources that result in success. Mastering the skills of evaluation means a lifetime of having the best information for making decisions in today's information age. Online Guide.

Information Technology; Research; Educational Research; School Libraries–Research; Erac Evaluated Resource 2007; Information Literacy; Decision Making

The Road to 9/11

1700654 DV
MS 60 min 2005 PBS
A gripping look at the forces that have shaped the modern Middle East – from terrorists to dictators to the CIA. It is a story that spans almost a century; a story that needs to be better known.

Developed by the Emmy-award winning filmmakers at Kunhardt Productions, this dramatic documentary chronicles the deep historical roots of Al-Qa'ida, examining the years of political oppression, economic stagnation, religious fanaticism, and violence that gave rise to the attacks of September 11, 2001.

It features rare footage and insightful commentary by leading scholars and journalists including Bernard Lewis, Fareed Zakaria, Thomas Friedman, Irshad Manji, Azar Nafisi, Kanan Makiya, Fawaz Gerges, and David Fromkin.

Erac Evaluated Resource 2007;
Documentary Films; Middle East; United States–History; Middle East–History; Terrorism; World Politics, 1965-

Rules of Motion and Forces

1700279 DV
PI 30 min 2005 Marlin Motion Pictures
Examine the natural forces of gravity and friction that are constantly at work on Earth. Then discover the principles and forces that govern moving objects and how we use them to our advantage.

Includes four feature segments –

Facts about forces – presents the law of universal gravitation and the forces of static and kinetic friction.

Laws of motion – introduces Sir Isaac Newton's three laws of motion and the principles and forces that govern moving objects.

Rotation and revolution – examines some of the different ways time can be measured, including sidereal and solar time, along with why Earth has days and nights.

How we fly – looks at how jet engines, wing design, and special building materials allow airplanes to take to the skies. Online Guide.

Jet Planes; Airplanes; Motion; Erac Evaluated Resource 2007; Gravitation; Friction; Mechanical Movements; Force and Energy

Science Screen Report Series

Science Screen Report Series is an ongoing series of award-winning educational programs devoted to timely yet timeless topics related to science, engineering, medicine, technology, conservation, and the environment. The programs are presented in a positive and objective manner which inform, motivate, and transport young people to visible adventures in science and technology. The programs are also used in the teacher's resource centre of the Smithsonian Institute and by the US Department of Education for the hearing impaired.

Galaxies; Outer Space; Sun; Space Sciences; Space; Stars

Moon: Our Partner in Space / Jaw Drop: Eclipses and Auroras

1700628 DV
IMS 20 min 2006 Visual Education Centre

Two programs on one disc. Earth's moon was probably formed when a body the size of Mars collided twice with the planet. Our moon is steadily receding into space. Eventually due to the loss of this lunar regulator, Earth will start to wobble creating climate chaos.

Eclipses can be seen, the sun obscures the moon, or vice versa. Another light show, the aurora, occurs when electrified particles from the solar wind interact with Earth's upper atmosphere. It is visible particularly in the polar regions.

Moon; Eclipses; Space Sciences; Space; Outer Space; Erac Evaluated Resource 2007; Solar System

ERAC Evaluated Resource 2007

Sun: Powerhouse of the Solar System / Galaxy: Our Milky Way

1700627 DV
IMS 20 min 2006 Visual Education Centre

Using a good mix of visuals, graphics, and real imagery, this DVD presents two different topics: the sun and the Milky Way galaxy. Closeups of the sun's surface allow students to view ongoing solar events. This resource supports Earth and Space Science, especially in Grade 9.

Part I – Sun: Powerhouse of the Solar System It is a nuclear reactor losing four million tons of mass every second, enough energy to keep the sun blazing for another five billion years. Twists in the magnetic field trigger gigantic eruptions that change wind to storm. In five billion years time, the sun will bloat into a red giant and die as a white dwarf.

Part II Galaxy: Our Milky Way – Of the 200 billion stars in our galaxy, the nearest star is Alpha Centauri, 4.25 light years away.

Sun; Universe; Outer Space; Space; Galaxies; Space Sciences; Stars; Erac Evaluated Resource 2007; Solar System

Smoke Screen 2: Through the Eyes of New Canadians

1700644 DV
MS 27 min 2006 BCTF

Young new Canadians share their unique perspective on the experience of smoking as they make anti-smoking ads ... a tobacco prevention / cessation resource to help teachers and community leaders keep youth smoke-free. The documentaries in this resource package feature a series of dynamic and engaging youth-made ads and candid interviews with young people about their views on smoking and the reasons they feel compelled to create media messages that discourage their peers from picking up or continuing the habit.

The accompanying guides contain lesson plans for teachers wanting to use this material in their ESL classes and/or to meet the prescribed learning outcomes of Health & Career Education 8 and 9 or Planning 10. In the interest of reaching the broadest base of students possible, the package contains several versions of the documentary and two facilitators manuals, one for ESL classes/teachers and one for general use. The supplementary CD includes electronic versions of both the ESL and general guides, translated versions of a Tobacco Fact Sheet, graphic organizers/lesson plan aids, more sites, transcripts of the doc in five languages (Simplified Chinese, Punjabi, Vietnamese, Korean and Spanish), and vocabulary. DVD. Supplementary CD. Online Guide.

Tobacco Habit; First Nations; English as a Second Language; Media Literacy; Teen Guidance; Youth–First Nations; Mass Media; Erac Evaluated Resource 2007; Advertising; Smoking

Soccer Shooting Drills

1700667 DV
IMS 32 min 2005 Visual Education Centre

Coaches looking for shooting and ball-handling drills and exercises will find this quite useful. Techniques and skills are suitable for intermediate and secondary students. Straightforward and conventional in its delivery, the program uses very basic graphics to demonstrate techniques while narration describes the action.

This DVD would have limited appeal for classroom use but is a useful resource for teachers, especially those who find themselves teaching / coaching soccer with little background in the area.

Marty Schupak and the Youth Sports Club demonstrate more than 30 creative, fun, and technical shooting drills for youth soccer athletes dedicated to perfecting and enhancing their scoring fundamentals. Helpful and informative shooting drills and techniques that are a "must have" for any youth soccer coach or athlete.

Erac Evaluated Resource 2007; Physical Education; Soccer; Soccer Coaching

Spirit World, the Story of Mi'kmaq Series

Spirit World, a three-part series, is a tribute to the enduring strength of the Mikmaq. A strength that has allowed them to survive oppression and suffering that would have been the end of a less tenacious people. A strength that has allowed the survival of the Acadian culture in North America.

First Nations; First Nations–Micmac; First Nations–Maritime Provinces; Acadians; Canada–History–0-1763 (New France)

The Cross and the Eagle Feather

1700618 DV
S 23 min 2003 McNabb & Connolly

In the fledging colony of New France, an extraordinary new society was beginning to emerge. A society in which a genuine bond of friendship and mutual respect was established between the European newcomers and a native population that called itself Mi'kmaq.

The French called this new land Acadia, a Mi'kmaq word meaning place of plenty. This idyllic world lasted until the final defeat of the French in North America. A defeat that would mean unspeakable tragedy

ERAC Evaluated Resource 2007

for both the Acadians and the Mi'kmaq, but a defeat that could not break their enduring bonds of friendship.

Canada–History–0-1763 (New France); Acadians; First Nations–Micmac; Erac Evaluated Resource 2007; First Nations; First Nations–Maritime Provinces

Blankets of Death

1700619 DV

S 23 min 2003 McNabb & Connolly
The defeat of the French by the British in North America marked the beginning of a terrible time for the Mi'kmaq. The land that sustained them was taken away. Bounties were placed on their heads. Deadly disease was deliberately introduced into their communities.

Still in the midst of all this horror, the Mi'kmaq managed to escape to their woodland retreats and also managed to rescue many of their Acadian friends from the British imposed deportation of 1755 and, in doing so, guaranteed the survival of the Acadian culture. The end of the colonial period brought even more torment for the Mi'kmaq as programs of cultural annihilation were continued by the Government of Canada.

First Nations–Maritime Provinces; Erac Evaluated Resource 2007; Canada–History–0-1763 (New France); First Nations–Micmac; Acadians; First Nations

Sacred Promises and Instruments of Greed

1700620 DV

S 23 min 2003 McNabb & Connolly
In spite of the unspeakable atrocities inflicted upon them, the Mi'kmaq are still here. Their fighting spirit has taken them to the Supreme Court of Canada to enforce the terms of their treaties. They must now fight to force the Canadian government to honour the rulings of its own court system.

The terms of their treaties have always been sacred to the Mi'kmaq. However, throughout their history, they have been used as instruments of greed by the dominant culture of the day. Greed in the form of the theft of vast tracts of land and in the form of the destruction of the Mi'kmaq environment.

First Nations–Micmac; First Nations–Maritime Provinces; Canada–History–0-1763 (New France); Acadians; First Nations; First Nations–Government Relations; Erac Evaluated Resource 2007

Squibs Science Series

Science multimedia for growing brains. A collection of DVDs designed to introduce young learners up to Grade 4 to important science concepts.

Space Sciences

In Space: Earth Moon, Sun, & Beyond

1700649 DV

PI 35 min 2005 Visual Education Centre

Designed to introduce students up to Grade 4 to important science concepts, this DVD teaches the basics about space science. Unravel the solar system in this extensive program that covers the rotation of the Earth and moon, seasons, the formation of galaxies and stars, and characteristics of the planets.

Information is presented in segments. Each of the segments has a slightly different look to keep viewers interested. A glossary, some jokes from experts, and a chapter list are included. An extensive menu allows pre-selection of content for supporting areas of focus and enrichment. Graphics, music, and humour are used to convey information. The engaging format of this program makes it a useful tool for reinforcing concepts and information about the solar system. Squibs Disc 2 - science multimedia for growing brains.

Moon; Universe; Erac Evaluated Resource 2007; Sun; Solar System; Earth–Study and Teaching; Outer Space

Steroids: The True Story (Grades 7-12)

1700679 DV

MS 23 min 2006 Kinetic Video
Real People Series - Addresses young people on their own terms about the real effects of using steroids. Students will hear from Matt about his steroid use and the damaging consequences it had for him. Team Physician Dr. Aurelia Nattiv, UCLA, talks plainly about the devastating reality of steroids. Athletes who do not use steroids are also presented to demonstrate that success can be achieved through training.

Students will learn about the harmful physical and psychological effects real kids have experienced from Frank and Brenda Marrero whose son Efrain shot himself in the head because of steroids he was using. The impact of their story is unforgettable.

This program supports Health & Career Education 9, Planning 10 curriculum about substance abuse and body image, and PE classes and for coaches and their teams. Teacher's Guide (binder, 34 pp.).

Youth–Drug Use; Drug Abuse; Erac Evaluated Resource 2007; Steroids; Substance Abuse; Teen Guidance; Family Life Education

The Steven Truscott Story: Moment of Truth

1700656 DV

MS 38 min 1999 CBC Educational Sales

Fifth Estate Series - For more than 45 years, the murder of teenager Lynn Harper and the fate of the boy convicted of her killing, Steven Truscott, has haunted this country. At the age of 14, Steven Truscott was sentenced to hang for the crime. After 10 years behind bars, his sentence was commuted and Truscott disappeared in anonymity living under another name in southern Ontario. But, lingering doubts about Truscott's trial and details around the murder never went away.

Several years ago the Fifth Estate uncovered evidence that showed the case against Truscott was dubious at best. In an exclusive interview, Canada finally saw the man Truscott had become – a hardworking, dedicated father and grandfather surrounded by people who passionately believe in his innocence.

Now Truscott faces what may be his final battle to clear his name. His conviction is before an appeals court and the Fifth Estate updates its coverage of one of the most famous and controversial stories in Canadian history.

Crime; Law; Administration of Criminal Justice; Law–Canada; Law–Canadian; Law–Study and Teaching; Erac Evaluated Resource 2007; Criminal Law; Justice; Criminal Investigation; Law–Canada–History

Stop Bullying! Standing Up for Yourself and Others

1700648 DV

IMS 20 min 2003 Kinetic Video
Every school day 150,000 American students stay home to avoid being bullied. Many young people feel helpless in these situations. They need to know what to do when bullied or if they witness bullying.

Through presentations by Narrator Mark Brown, Youth Motivational Specialist, and students' real life experiences, this DVD gives students concrete steps to respond to bullying.

Middle school students share their experiences of bullying and offer suggestions for dealing with the situation. Information is broken up into six segments that explain why bullies behave badly, what you should do if you are bullied, how to help someone who is being bullied, and who you should tell. Online Guide.

ERAC Evaluated Resource 2007

School Supervision; School Discipline; Bullying; Teen Guidance; Counselling; Erac Evaluated Resource 2007; Playgrounds–Safety Measures

The Story of the Solar System

1700564 DV
PI 30 min 2005 Marlin Motion Pictures

How did the universe and Milky Way galaxy form? What danger do solar flares pose to our planet? In what ways does Earth differ from other planets in our solar system? And is Pluto really a planet?

Formation of the Solar System – Explores the theory behind the formation of the universe, Milky Way galaxy, and solar system.

Solar Energy and Wind – Looks at solar flares and solar winds to see how these affect life on Earth.

The Planets – Reviews the inner and outer planets of the solar system and the scientific controversy surrounding the categorization of Pluto.
Orbiting the Sun – Examines comets, asteroids, and meteors along with the geologic clues space debris reveals. Primarily for students in Grades 3-6. Online Guide.

Universe; Planets; Asteroids; Comets; Solar System; Galaxies; Meteors; Erac Evaluated Resource 2007

Taking a Stand: The Bullying Prevention Series

No longer a simple matter of schoolyard scuffles and "boys will be boys," bullying is now recognized as a major threat to the education of America's young people. Research shows that bullying involves both genders, affects youth of every background, and has become more widespread with the help of digital technology. This series helps identify bullying, confront its instigators, and assist victims all with the ultimate goal of prevention. Online Guide.

Bullying; Young Women; Youth–Attitudes; School Discipline; Playgrounds–Safety Measures; Conflict (Psychology)–Peer Pressure–Social Interaction; School Supervision; Peer Pressure–Self Esteem–Social Interaction

Bully Girls

1700639 DV
IMS 20 min CA 2006 Kinectic Video
Traditionally bullying has meant physical intimidation and violence. In the past it was considered a problem only among boys. But experts are finding that girls can perpetuate bullying as well, although it often takes place on more subtle or secretive levels.

This program focuses on increasing awareness of bullying among girls and

educating viewers about how, when, and why it occurs. Understanding the difference between teasing and bullying, identifying specific female bullying techniques and tactics, recognizing warning signals that help is needed, knowing the best ways to report incidents, and getting school officials involved to combat the problem are all subjects thoroughly explored in this DVD. Online Guide.

Erac Evaluated Resource 2007; Conflict (Psychology)–Peer Pressure–Social Interaction; Peer Pressure–Self Esteem–Social Interaction; School Discipline; Playgrounds–Safety Measures; Peer Pressure; Youth–Attitudes; Teen Guidance; School Supervision

Cyberbullies

1700640 DV
IMS 19 min CA 2006 Kinectic Video
Chat rooms, blogs, and instant messaging have become standard forms of communication for many young people. Unfortunately, they have also become popular ways to bully and harass others. This program is designed to prevent children and teens from falling victim to cyberbullying using dramatizations and Q & A discussions to expand awareness of the issue.

The DVD discusses cyberbullying warning signs, common patterns of abuse, and questionable online activities and destinations to stay away from. Strategies for responding when cyberbullying occurs is presented. Outlines legal problems involving privacy and libel that young Internet users should be aware of. Online Guide.

Peer Pressure; School Supervision; Youth–Attitudes; Conflict (Psychology)–Peer Pressure–Social Interaction; Teen Guidance; Erac Evaluated Resource 2007; Playgrounds–Safety Measures; Peer Pressure–Self Esteem–Social Interaction; School Discipline

Targets, Bullies, Bystanders: Handling Harassment (Grades 9-12)

1700677 DV
MS 19 min 2006 Kinectic Video
This video is designed to help students understand the cycle of bullying and realize how harassment affects those involved. Details effective strategies to stand up and say no to harassment. Explains who are the bullies and why do they bully, who are the targets and why do they allow bullying, and why do bystanders just stand by.

This program presents the story of a secondary school student who decides to use his talent as a video director to make a video about bullying in his school. Students will easily relate to the content, and the

ending is very inspiring and compassionate. Teacher's Guide (binder, 36 pp.).

Erac Evaluated Resource 2007; Teen Guidance; Youth–Attitudes; School Discipline; Playgrounds–Safety Measures; Life Skills; Family Life Education; Bullying; Conflict Resolution–Self Esteem–Social Interaction; School Supervision

Understanding Stem Cells

1700578 DV
MS 30 min 2006 Distribution Access
This program focuses on the nature and significance of stem cells as well as the controversy that surrounds the research involving them. It is an introduction to stem cells as it assumes no prior knowledge. Includes a brief overview of ethical issues raised by stem cell research.

It covers –

- 1) what stem cells are;
- 2) the difference between embryonic and adult stem cells;
- 3) IVF as a key source of embryonic stem cells;
- 4) therapeutic cloning (somatic cell nuclear transfer);
- 5) the difference between therapeutic and reproductive cloning;
- 6) potential medical application of stem cell research.

The program is divided into four chapters: Embryonic Stem Cells, Adult Stem Cells, Nuclear Transfer, and Blood Stem Cells. Electron- and light-microscope images of cells as well as medical photos and diagrams are used to illustrate concepts. It will be most beneficial when students are familiar with the concept of the cellular basis of life and the relationships between cells, tissues, and organs. Useful for enrichment in Science 8, in Biology 12, or to discuss reproductive technologies in Science and Technology 11. Online Guide.

Human Body; Cloning; Erac Evaluated Resource 2007; Medicine–Research

Understanding the Civil Rights Movement

1700641 DV
IMS 48 min 2000 Educational Video Network, Inc
Split into two parts of 24 minutes each, learn about the chain of events that led to the Civil Rights Movement of the 1960s. This DVD vividly illustrates how Black Americans struggled to overcome the constraints of a segregated society. Historic footage and powerful visuals provide images that will allow students to witness a turbulent era in the history of the US.

The history behind the Civil Rights Movement of the 1960s is explored by viewing archival footage and

photographs. Details the events leading up to the 1960s Civil Rights Movement including important legislation passed after the American Civil War, the Jim Crow laws, the militant black movement, segregation, the civil rights acts of 1866 and 1875, and more.

Important protests and demonstrations of the Civil Rights Movement are highlighted. The DVD illustrates how Black Americans will be able to overcome the constraints of a segregated society. Suitable for Grades 6-12. Live action. Online Guide.

United States–History; Civil Rights; Racism–Study and Teaching; African Americans; Freedom; Erac Evaluated Resource 2007

The Universe and the Solar System

1700281 DV
IMS 30 min 2005 Marlin Motion Pictures
This indepth space tour includes the following segments –

The Big Bang and the origin of the universe – witness the explosion that created the universe along with space and time.

Stars, galaxies, and the Milky Way – explores the birth of stars, the formation of galaxies, and the origins of our solar system.

Origin of the solar system – reviews the nine planets in our solar system along with their moons and satellites. Inner and outer planets – explores the differences between these two groups of planets.

Comets, asteroids, and meteorites – looks at what asteroids and comets are made of and how they are related to meteorites.

Earth's orbit – examines how this movement creates seasons in both hemispheres. Online Guide.

Earth; Seasons; Meteors; Universe; Stars; Asteroids; Comets; Life–Origin; Solar System; Planets; Erac Evaluated Resource 2007; Galaxies

W5 Series

For descriptions see individual titles:
Expert Witness [1700612]
Outside the Wire [1700613]

The Wave Nature of Light Series

This series provides a clear and interesting explanation about scientific concepts. Explores the rise of the wave model from earliest ideas to its contemporary electromagnetic sophistication that explains most, but not entirely, all the behaviours of light. 3D Computer Animation.

Physics; Electromagnetism; Electromagnetic Waves; Light; Waves

The Wave Nature of Light: The Electromagnetic Spectrum

ERAC Evaluated Resource 2007

1700629 DV
MS 9:12 min 2006 Visual Education Centre
Begins with the transmission of electromagnetic waves by Hertz and traces a century of discovery spanning a broad spectrum of electromagnetic wave types. This well-paced program describes the wave nature of light and takes an indepth look at the components of the electromagnetic spectrum.

Computer graphics are used to promote interest and illustrate the different frequencies of the spectrum. Narration clearly introduces concepts.

This DVD would serve as a useful tool to review the electromagnetic spectrum at the junior science levels. At the senior physics level, it could be used to reintroduce the topic.

Spectrum; Physics; Electromagnetism; Erac Evaluated Resource 2007; Electromagnetic Waves; Light; Waves

Weather and Climate

1700659 DV
IM 15 min 2000 Canadian Learning Co
Learn about the relationship between water, air, and heat and how they interact to make weather happen.

The terms atmosphere, condensation, evaporation, and precipitation are explained through animated diagrams. Primarily for intermediate grades.

Climate; Erac Evaluated Resource 2007; Weather; Atmosphere

Welcome to the Kitchen

1700580 DV
MS 23 min 2007 McIntyre Media Inc
It is not time to cook until the right tools are at hand and the kitchen is clean and safe. Mike Colameco, creator and host of PBS's Colameco's Food Show, illustrates smart cleaning and storage methods and their importance in cooking.

Mike provides essential facts on food-borne illnesses as well as the correct use of knives, food processors, and cutting boards. Explaining how easily food poisoning can occur, Mike shows how to set up and protect the cooking area. He reveals his techniques for chopping, cutting, slicing, dicing, and mincing. He also covers the use of processors and blenders for large food quantities and discusses why more than one cutting board is usually needed. Online Guide.

Cookery; Schools–Safety Measures; Food Poisoning; Erac Evaluated Resource 2007; Safety Education; Home Economics

What Is an Animal?

1700567 DV
P 12 min 2007 Ethos Ltd
Animals, just like people, are part of the Animal Kingdom. They are living things that grow and change. Animals are different from plants in that they can move in many different ways from place to place. Unlike plants, they cannot make their own food but must find food to eat.

Animals live in many different places around the world. Some animals are wild (they live away from people) and other animals are domestic (people look after them). Primarily for students in Grade 2. 1 Video DVD. 1 Resource CDROM.

Animals; Domestic Animals; Wildlife; Erac Evaluated Resource 2007; Animals–Food Habits; Animals–Habitations; Animals–Habits and Behaviours; Animals–Study and Teaching

When Telling Isn't Tattling (Grades K-2)

1700678 DV
P 14:30 min 2005 Kinectic Video
Designed to help students understand the cycle of bullying and realize how harassment affects those involved. Details effective strategies to stand up and say no to harassment. Explains who are the bullies and why do they bully, who are the targets and why do they allow bullying, and why do bystanders just stand by.

This program presents the story of a secondary school student who decides to use his talent as a video director to make a video about bullying in his school. Students will easily relate to the content, and the ending is very inspiring and compassionate. Teacher's Guide (binder, 36 pp.).

Life Skills; School Discipline; Playgrounds–Safety Measures; School Supervision; Youth–Attitudes; Bullying; Conflict Resolution–Self Esteem–Social Interaction; Erac Evaluated Resource 2007; Family Life Education

Working for Change: Active Global Citizenship

1700680 DV
MS 17 min 2006 Metamedia & World Vision Canada
In today's global village, are we citizens of one country or the world? What does it mean to be active global citizens?

In this age of globalization, our world is increasingly interconnected yet the gap between rich and poor grows every year. It does not need to be this way. Through our actions – as governments, corporations, and individuals – we can work for greater global fairness and justice.

ERAC Evaluated Resource 2007

relishes seeing other students make mistakes, and an older sibling whose sarcastic banter distresses her little brother.

Each vignette includes a positive outcome where children find a way to stand up for themselves and overcome the power of hurtful words. Techniques include: Stand Up for Yourself, Ignore the Bully, Explain How the Words Make You Feel, and Seek Help From an Adult. Primarily for Grades K-6. Teacher's Resource Book (binder, 47 pp.).

Social Problems; Bullying; Erac Evaluated Resource 2007; Self Respect; Human Behaviour; Social Values; Assertiveness (Psychology); Conflict Resolution–Self Esteem–Social Interaction

This DVD explores the impact of our actions on the rest of the world. The video and accompanying study guide challenge us to consider our role as active global citizens, providing tools to help us work for positive change in the world. Video Study Guide (binder, 19 pp.).

Fairness; Citizenship; Justice; World Politics; Social Change; Erac Evaluated Resource 2007; Globalization

World War II

1700576 DV
IMS 52 min 2004 Marlin Motion Pictures

Examine the causes and effects of this monumental conflict. Four segments chronicle the unfolding of World War II, from the prewar days of the Great Depression to the tragic legacy of the Holocaust. This indepth study encourages students to consider the realities of WWII and how its impact continues to be felt in our world today.

1) In Memoriam - The Holocaust (8 mins) – The Holocaust serves as a reminder of how inhumanity can reach deadly proportions. Learn about this dark episode in history from the people who lived through it.

2) Fall of the Third Reich (27 mins) – Through modern technology, historians have recreated a virtual model of Hitler's secret bunker. But the question remains, should what is left of the bunker be preserved or destroyed?

3) Triumph at Normandy (6 mins) – After leaking false information to the Germans, the Allies launch an air and sea attack storming the beach at Normandy. They defeat the Nazis and end WWII.

4) Days of Dust (5 mins) – In the years prior to WWII, the people of the US suffered through one of the worst economic crises in their history – The Great Depression. Online Guide.

World War 1939-45–Germany; Economic Depressions; World War 1939-45; Erac Evaluated Resource 2007; Hitler, Adolph, 1889-1945; Holocaust, Jewish (1933-1945)

You're Mean! – When Words Hurt Us

1700688 DV
PI 13 min 2007 McIntyre Media Inc
This age-appropriate program helps children understand that words can hurt – whether the insults are intentional or the inadvertent result of "trying to be funny." Four common school and home vignettes identify the power of words: a know-it-all who tries to boss others around, a playground bully who enjoys picking on other children, a teacher's pet who