

Top 100 Titles

3-2-1 contact : architecture (Series)

This architecture series is designed to stimulate students' interest in the science, art, and technology of architecture. Its goal is to help students explore the basic principles of physics upon which all kinds of architecture must be founded. Students will meet some remarkable men and women engaged in the field in a wide variety of ways. They will see how architects and engineers work, hear what kinds of questions they ask, observe their problem-solving methods, and do some problem-solving of their own.

For descriptions see individual titles:
Architecture : light but strong
[044880]

50 simple things kids can do to save the earth

041555 VH
Jl 47 min 1992 Visual Education Centre

The video illustrates some of the 50 simple solutions that can save the Earth's natural resources. It shows what students are accomplishing. The video is divided into two parts for ease of classroom viewing.

Conservation of natural resources;
Environmental education; Earth - Environmental conditions

Ancient Egypt

090465 DV
J 30 min CA 2006 Marlin Motion Pictures

Discovery school. Social studies (Series) - This program consists of two DVDs (each 15 min.) in which a young ancient Egyptian boy presents the civilization of ancient Egypt. 1) "Ancient Egypt : land of abundance" - Examines hieroglyphics, paper from papyrus, Egyptian agriculture and geography - 2) "Ancient Egypt : constructing civilization" - Examines pyramid construction and the Egyptian pharaohs - container.

Egypt - Civilization; [zz] Discovery School (Firm); Egypt - History - To 640 A.D.

Animal adaptations / Eric Dahm, executive producer ; C.K. Jackson, assistant director ; Andrew Wise, producer, director and editor.

090231 DV
PJ 26 min 2003

Students will discover the animal kingdom and how animals have adapted within their environment for survival. Demonstrates animal adaptations in behavioural and physical traits in order to obtain oxygen, water, food, shelter and avoid predators - container.

Animals; [zz] Wise, Andrew.; [zz] 100% Educational Videos.; Animals - Adaptation; [zz] Dahm, Eric.; [zz] Jackson, C. K.

Animal life cycles / produced by Greg Ritacco ; written by Jennifer Pierce.

090218 DV
P 14 min 2002

Understanding animals (Series) - Introduces students to animal life cycles by learning that as animals grow they change. Comparison is made between animal babies and their parents and how they may look different. Animal life cycles that are explored include the butterfly, chicken and dog - container.

[zz] Ritacco, Greg.; Animal life cycles; [zz] 100% Educational Videos.; Animals; [zz] Pierce, Jennifer.

Animals in autumn and winter

040271 VH
PJ 11 min 1983 Britannica Learning Materials

Here's an investigation of how animals prepare for the winter and survive the cold. This film explores migration, hibernation, food storage, and adaptation. The film reveals the changes insects undergo during the fall and winter months of their life cycles. The film looks at a variety of bird species; migrating herd animals such as sheep and elk; predators such as wolves, coyotes, eagles and hawks; and other animals such as badgers, beavers, rabbits, bison, bears, squirrels, and chipmunks. Teacher recommended - 2006.

Winter; Animals - Adaptation; Autumn

Architecture : light but strong

044880 VH
PJI 30 min 1987 Canadian Learning Company

3-2-1 contact : architecture (Series) - How do you get the most building out of the least amount of building materials? One way is to choose materials that are light, but strong. The shape of the materials is important too. Students will see that I-beams and triangle shaped braces are just two of the tricks architects use. Teacher recommended - 2006.

Building materials; Architecture; Structural design

Art Image - Grade 3

000123 KS
P

Consists of 27 poster size art prints (study prints) covering 3 major themes: the social individual, the world, and time. Teacher's manual outlines activities which will nurture an appreciation and knowledge of art with bibliographies on the artists.

Art Image - Grade 4

000124 KS
J

Consists of 33 poster size art prints (study prints) covering 3 major themes: the social individual, the world, and time. Teacher's manual outlines activities which will nurture an appreciation and knowledge of art with bibliographies on the artists.

Awesome Air, Wonderful Water - Grade 2

000166 KS
P 2000

A hands-on resource kit in which students will investigate the properties of air and demonstrate an understanding of air and water as sources of renewable energy. They will apply these concepts by creating and testing an air-powered rocket.

Balance/Structure

042681 VH
PJIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Balance (084962) and Structure (084963) Teacher recommended - 2006.

Bill Nye : the science guy (Series)

For descriptions see individual titles:
Balance/Structure [042681]
Biodiversity/Garbage [042658]
Bones and Muscle/Respiration [042662]
Chemical Reactions/Phases of Matter [042666]
Digestion/Blood Circulation [042676]
Earth's crust/Rocks and soil [042669]
Fluids/Storms [044761]
Food Web/Ocean Life [042654]
Magnetism/Static Electricity [042660]
Mammals/Birds [043619]
Measurement/Patterns [045416]
Probability/Time [044757]
Simple machines [045806]
Sound/Light and Color [042661]

Biodiversity/Garbage

042658 VH
PJIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Biodiversity (084959) and Garbage (084960)

Body Masks Only - Gr.4-8

000501 KS
Jl N/A

This kit can be used to interpret and communicate the meaning of stories, poems, plays and other material drawn from a variety of sources and cultures, using a number of drama and dance techniques.

Costume

Bones and Muscle/Respiration

042662 VH
JIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes : Bones and Muscles (084974) and Respiration (084961)

Top 100 Titles

Bridges

045723 VH
JIS 60 min 2000 Magic Lantern
Building big (Series) - David Macaulay introduces the brilliant designers who dared to extend roads and railways with ingenious but sometimes flawed designs. From the Golden Gate Bridge to some of the world's groundbreaking spans, viewers will explore dozens of monumental engineering feats through historic film footage, photos, illustrations and dramatic re-creations. Program highlights include: Brooklyn Bridge, San Francisco's Golden Gate Bridge, Tacoma Narrows Bridge, Japan's Akashi Kaikyo Bridge, Gustave Eiffel's Garabit Bridge and Scotland's Firth of Forth Railway Bridge. Also features a bonus "build a mini bridge" activity
Teacher recommended - 2007.

Structural engineering; Bridges;
Civil engineering

Building

043730 VH
P 15 min 1998 CBC Non-Broadcast
Sales
Guess what? (Series) - Bowser is trying to build a fort, which keeps collapsing. Tyler arrives to help with the fort, and Cassie teaches them a bit about building with a strong base and using strong materials. Teacher recommended - 2006.

Materials; Building

Building a first home

090411 DV
PJ 18 min 2006 ETHOS Ltd.
Pioneer life (Series) - This program presents how the earliest pioneers constructed their homes in order to provide shelter for their family upon arrival in their new homeland. Demonstrates the arduous task of clearing the land to allow adequate land area for home construction and crop farming. The majority of early pioneers only had basic tools and initially there was no oxen and horses to assist with clearing the land. Many early pioneer used the wood from the cleared trees for home construction, furniture and equipment - container.

Dwellings; Frontier and pioneer life

Building big (Series)

This series focuses on five engineering marvels - bridges, tunnels, dams, skyscrapers, and domes - that play an integral part of modern life. The programs look at the stories behind these engineering feats, and see how engineers today are able to build bigger than ever. Programs offer simple, clear explanations of engineering principles that show the power of math and science in the real world. Each video ends with a "building small" segment, in which viewers build a model of the structure just described.

For descriptions see individual titles:
Bridges [045723]

Buy me that 3! a kid's guide to food advertising

042717 VH
JI 29 min 1993 International
Tele-Film
This program takes a bite out of misleading food commercials, exposing the numerous marketing gimmicks that food advertisers employ to get children to eat, drink, and buy their products. Through numerous examples, children and parents learn to look beyond the hype so they can make healthier, more economical food-buying decisions. Teacher recommended - 2006.

Media literacy; Advertising and children; Advertising - Food

Canada: land, resources and economy

045575 VH
JI 18 min 2002 MCINT
Begins with a view of our nation from outer space. Canada's seven regions are introduced and then explained in more detail. The major geographic features of each are shown, and the program then discusses Canada's key natural resources- soil, water, forests, oil and natural gas, and other mineral resources. Finally, the program shows our country's key economic components - service industries, manufacturing and agriculture.

Agriculture - Canada; Physical geography - Canada

Castle

040270 VH
JI 34 min 1983 MMP
Author David Macaulay leads viewers on a tour of a 13th century Welsh castle, explaining the castle's cultural, sociological and architectural design.

Castles; Architecture, Medieval; [zz] Macaulay, David.

Cells - Grade 8

000198 KS
I 2001

Chemical Reactions/Phases of Matter

042666 VH
JIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Chemical Reactions (084955) and Phases of Matter (084956) Teacher recommended - 2006.

City, suburb and rural communities / writer, Allison Piccolo ; producer, director, C.K. Jackson ; SchoolMedia Inc.

090230 DV
P 16 min 2002
Communities (Series) - Compares community neighbourhoods in cities, suburban and rural areas. Three children discuss their different neighbourhoods and demonstrate its recreational and leisure facilities, schools and shopping centres - container.

[zz] Jackson, C. K.; Cities and towns; [zz] SchoolMedia, Inc.; Country life; City and town life; Communities; Suburban life; Community life; [zz] Piccolo, Allison.; [zz] 100% Educational Videos.

A Class of Their Own - Grade 6

000185 KS
J 2001

Clay - Grades JK-6

000007 KS
PJ

Communities around the world, around the corner : learn about communities in Canada, Tanzania, Nicaragua, India

046267 VH
PJI 19 min 2001 Magic Lantern
An introduction to different world communities including Nairiamu, Tanzania, Jaime, Nicaragua and Rehka, India. Demonstrates the effect of the environment on a community and how a community can substantially effect the environment. Includes comparisons between other world communities and Canada - container. Teacher recommended - 2007.

Earth Day; Canada - Environmental conditions; Communities; Community life; Environmental protection; Nature - Effect of human beings on

Communities (Series)

For descriptions see individual titles:
How communities grow and change [090228]
City, suburb and rural communities / writer, Allison Piccolo ; producer, director, C.K. Jackson ; SchoolMedia Inc. [090230]

Constructing for the Climate - Grade 5

000180 KS
J 2001
A hands-on resource kit with which students will investigate how weather and climatic forces act upon structures. Students will apply their knowledge of climate as they design and construct a model of a roof structure. They will have opportunities to perform fair tests, collect data and use their skills of design.

Debbie greenthumb (Series)

For descriptions see individual titles:
How plants grow [040972]

Digestion/Blood Circulation

042676 VH
PJIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes : Digestion (084972) and Blood Circulation (084973)

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Digital Cameras

000035 KS
PJI N/A 2007

The Digital Cameras Kit provides students with a hands-on opportunity to develop visual literacy skills. It allows teachers to address the expectations in the Language Media Literacy Strand specifically, but can be used in all subject areas...Social Studies, Science, Mathematics, Health and Physical Education, Visual Arts, Drama and Dance, Music, and French. The kit includes a list of quick ideas/activities for student use of the cameras.

Digital cameras

Discovery school. Social studies (Series)

For descriptions see individual titles:
Ancient Egypt [090465]

Earliest pioneer life

090412 DV
PJ 18 min 2006 ETHOS Ltd.

Pioneer life (Series) - This program presents the challenges confronted by the earliest pioneers during their initial years living in their new homeland. The majority of pioneers attempted to arrive during the spring or start of summer so that they could plant enough food crops for their family before the start of winter. Poor weather conditions and insect plaques during the planting season often affected the harvest and limited food supplies for winter. During the autumn the pioneers were very busy harvesting, preserving and storing food crops for the winter months - container.

Frontier and pioneer life

Earth's crust/Rocks and soil

042669 VH
JIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes : Earth's crust (084949); Rocks and soil (084950).

Eat well! Feel well!

043270 VH
PJ 38 min 1993 National Television Marketing
This interactive video uses songs, poems, playlets, and riddles to introduce students to good nutrition and exercise habits.

Physical education and training;
Exercise; Nutrition

Ecology for beginners (Series)

A series of five videos on different aspects of ecology for beginners.
For descriptions see individual titles:
How animals live through the winter [041458]
Plants and animals depend on each other [041459]
Why animals live where they do (2nd ed.) [041460]

Electricity - Grade 6

000012 KS
J

Everyday things in early Canada - Part 2

043382 VH
PJ 39 min 1985 McIntyre Media

Includes: The New Schoolhouse (085500); The New Schoolteacher (085501); Henry Settles in Upper Canada (085502); Homesteading on the Prairies (085503).

Frontier and pioneer life - Canada

Fabulous Flying Machines - Grade 6

000188 KS
J 2001
May be a consumable supplies charge.

Fall bingo

010008 AC
PJIS N/A Hamilton-Wentworth School Board

Designed to facilitate and enhance a student's participation and communication skills in the classroom, to develop vocabulary, to practice skills such as turn-taking, symbol identification, matching, auditory and visual attention and hand eye coordination. It is also a motivating way to practice peer-to-peer communication skills such as labeling, requesting, asking and answering questions and commenting.

Augmentative communication;
Seasons; Educational games;
Autumn

Fall curriculum support

010082 AC
PJIS Hamilton Board of Education
A curriculum support board and workbook featuring autumn. Includes fall vocabulary, counting concepts, pattern stories, sequencing activities, matching, same/different concept, making a pattern, classification/categorization and literacy activities.

Autumn; Augmentative communication; Seasons

Flight - Grade 6

000039 KS

Fluids/Storms

044761 VH
PJIS 50 min 1999 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Fluids (086145) and Storms (086146) Teacher recommended - 2007.

Food groups curriculum support

010087 AC
PJIS 2000 Hamilton Board of Education

A curriculum support board and workbook about food groups and nutrition. Used as a means of targeting communication goals and achieving literacy development. Includes food vocabulary symbols, counting concepts, pattern stories, sequencing activities, seriation activities, matching, same/different concepts, making a pattern, classification/categorization and reading activities.

Augmentative communication;
Nutrition; Food

Food Web/Ocean Life

042654 VH
PJIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Ocean Life (084125) and Food Web (084124)

Gadgets, Gizmos, Gears - Grade 2

000095 KS
P

Get Growing - Grades K-3

000075 KS
P

GPS (Global Positioning System)

000034 KS
SEC N/A 2005
Global Positioning Systems (GPS) are a hands-on and engaging tool that can be used with students to meet expectations in a variety of courses, particularly the Grade 9 Geography curriculum. Each GPS in this set stores up to 500 waypoints, automatically saves up to 10 tracks, is compact, easy to operate and waterproof.

Green Thumb Landscaping - Grade 3

000170 KS
P N/A 2004

A hands-on resource kit with which students will investigate the physical characteristics of plants and observe the changes that occur when beans, seeds and plants grow. They will also determine factors that affect a plant's growth and describe how plants are important to living things. The students will apply their knowledge of plants and soil as they design and conduct a fair test to answer a Culminating Task question. This kit contains beans, seeds and various types of soil.

Guess what? (Series)

For descriptions see individual titles:
Building [043730]

Top 100 Titles

Habitats : who needs bugs?

043346 VH
PJ 15 min 1992 Magic Lantern
Science for you (Series) - Plants, insects and animals are dependent on each other for survival, with each organism playing a different role in the ecosystem. Investigates nature's perfect recipe for survival, and how all life forms are interconnected. Experiments included. For more information on this topic, view the website linked below.

Biotic communities; Insects;
Science - Study and teaching

Halloween bingo

010006 AC
PJIS N/A Hamilton-Wentworth
School Board

Designed to facilitate and enhance a student's participation and communication skills in the classroom, to develop vocabulary, to practice skills such as turn-taking, symbol identification, matching, auditory and visual attention and hand eye coordination. It is also a motivating way to practice peer-to-peer communication skills such as labeling, requesting, asking and answering questions and commenting.

Halloween; Educational games;
Augmentative communication

Happening Hydraulics - Grade 8

000197 KS
I 2000

A history of the Middle Ages

045667 VH
JI 23 min 2002 Magic Lantern
Life in the Middle Ages (Series) - The Middle Ages is commonly referred to as the period between the fall of the Roman Empire in Western Europe and the Renaissance, and in this program, students are given an overview of the people, places and events that defined this period. Charlemagne through the Crusades and the horrific Black Death, the program focuses on three distinct eras of medieval time: the Early, the High and the Late Middle Ages. Teacher recommended - 2006.

Middle Ages; Civilization, Medieval

How animals live through the winter

041458 VH
PJ 11 min 1992 Magic Lantern
Ecology for beginners (Series) - Where winters are bitterly cold, short food supplies affect animal behaviour. Fur, feathers and even snow are used to protect animals from the cold. Some animals seek shelter, other hunt to survive or sleep through much of the winter, thus avoiding the need to search for food. For more information, view the website linked below.

How communities grow and change

090228 DV
P 16 min 1997
Communities (Series) - Students will be introduced to the role of natural resources in providing employment and community development. This program explores communities with different types of natural resources (gold, coal, farming). Demonstrates how cities may grow rapidly when there is an abundance of natural resources with high demand and then shrink as a result of a depletion or lack of demand - container.

[zz] 100% Educational Videos;
Community life; Communities;
Economic development

How plants grow

040972 VH
PJ 13 min 1991 SSC
Debbie greenthumb (Series) - Discusses the growth of plants from sprouting seeds to adult plants capable of producing food. Plant parts and their functions are also introduced. Debbie conducts some experiments to observe the sprouting of a seed and the movement of water through the stem of a plant. Roots, stems, leaves, and flowers and their functions are described. Photosynthesis and fertilization are also presented. Teacher recommended - 2007.
Plants - Development

Human Variations - Grade 5

000066 KS
J

Important people in my community

090098 DV
P 17 min 2006 McIntyre Media
Introduces students to a range of representative Canadian communities. This program is hosted by two children as they conduct a tour of a typical community and learn about the workers providing service to their community. Different community workers discuss the importance of their role for their community including a police officer, fire fighter, farmer, garbage collector, doctor, dentist, and a postal worker for Canada Post. Health and safety guidelines are presented by the community workers including fire prevention and education on when to call 911. Dental care and hygiene is demonstrated by a dental hygienist. Students will learn why it is important for them to be a responsible and active member of their community - container.

Dentists; Sanitation workers;
Occupations; Fire fighters; Safety
education; Postal service - Canada;
Communities; Police; Farmers;
Teeth - Care and hygiene; [zz]
Mythic Productions.; Community life

Improvisation (Series).

For descriptions see individual titles:
Zany activities with a rubber chicken [kit] : [a coop full of improvisation ideas for intramuralists, campus recreation administrators, teachers and community leaders everywhere] / [produced by] the Canadian Intramural Recreation Association. [000115]

Insects - Grade 2

000021 KS
P

The knight

045668 VH
JI 23 min 2002 Magic Lantern
Life in the Middle Ages (Series) - With their code of chivalry and the legendary adventures of King Arthur, much has been romantized about the lives of knights. But what were they really like? Were all of their exploits really for the greater? The focus is on the lives on their warriors, focusing on the role they played in the society of the time. Explore the protection and weaponry employed by the knights, the reasons behind their participation in tournaments and the storied history of the Crusades.

Knights and knighthood; Crusades;
Middle Ages

Learning about your community (Series)

For descriptions see individual titles:
What is a community? [090414]

Lego - En & Tech / Force

000061 KS
JI

Life in a medieval town

044566 VH
JI 15 min 1991 Britannica Learning
Materials
Bavaria's Nordlingen is still surrounded by a wall that was built back in the Middle Ages. This program penetrates that wall to explore a town whose motto was "Town Air Makes Free!"

Middle Ages; Europe - History;
Cities and towns

Life in the Middle Ages (Series)

Students explore the lives of people from the Middle Ages and the complex and interesting relationships that developed among them. Facts about the housing, food, clothing and entertainment of the times are offered within the context of historic reenactments and footage of European castles and medieval festivals. There are 8 programs in the series, approx. 23 minutes each.

Civilization, Medieval; Middle Ages
For descriptions see individual titles:

A history of the Middle Ages

[045667]

The knight [045668]

The noble [045671]

The serf [045672]

Top 100 Titles

Lighten Up Demonstration Kit - Grade 4

000803 KS
J N/A 2005
A perfect kit for use in a small class setting or for demonstration purposes. See the kit contents list for more information.
Light

Lighten Up - Grade 4

000176 KS
J 2000

Living in medieval Europe

044775 VH
JL 20 min 2000 Marlin Motion Pictures
The medieval era, the age of great castles and cathedrals, was undoubtedly one of the most interesting times in history. The program takes viewers through real castles, and introduces the people who lived in them. Viewers discover how knights were trained, how ordinary people lived, and how the devotion of medieval Christians created the golden age of cathedral building.

Europe - History; Civilization, Medieval

The Magic School Bus Goes to Seed

042683 VH
PJ 25 min 1995 TVOntario
The Magic school bus (Series) - The class's garden is going to be featured on the cover of PLANT IT! magazine. But Phoebe's garden plot is glaringly empty. Always eager to help, Ms. Frizzle shrinks the bus to the size of a ladybug, and the class is off and flying to Phoebe's old school to find a plant. Teacher recommended - 2007.

School field trips; Children's literature - Film and video adaptations; Seeds

The Magic school bus (Series)

For descriptions see individual titles:
The Magic School Bus Goes to Seed [042683]

Magnet Demonstration Kit - Grade 3

000802 KS
I N/A 2005
This is a perfect kit to be used in a small class setting or for demonstration purposes. It contains an assortment of magnets, metal strips, magnetic and non-magnetic materials. See kit contents list for more information.
Magnets

Magnetism/Static Electricity

042660 VH
JIS 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes : Magnetism (084936) and Static Electricity (084937) Teacher Recommended - 2006.

Magnets - Grade 3

000004 KS
P

Make It Move - Grade 2

000167 KS
P 2001

A hands-on resource kit with which students will study simple machines and mechanisms and investigate air as an energy source that affects the motion of devices. They will apply their knowledge of simple machines and mechanisms (such as inclined plane, wheel and axle), movement, and energy as they investigate, design, construct and test a vehicle propelled by a fan. Students will have opportunities to perform fair tests and collect and assess data. This kit contains wood, dowels, wheels and tools such as hacksaws and drills needed to make their vehicle. May be a consumable supplies charge.

Mammals/Birds

043619 VH
PJIS 50 min 1996 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Mammals (085905) and Birds (085906)

Mapping your world

040780 VH
PJ 17 min 1990 National Geographic Society
This informative and entertaining video introduces students to the field of cartography. Students learn about many different types of maps - from mental maps and road maps to star charts - and about the language maps use (colours, symbols, lines, numbers, names and direction. The cartographer shows students a number of maps: political maps, physical maps and theme maps. Teacher recommended - 2006.

Cartography; Map drawing; Map reading; Maps

Marble Maze - Grade 3

000172 KS
P N/A 2004

A hands-on resource kit with which students will investigate movement caused by forces and how these forces affect the stability of objects. They will construct a stable, sloped maze that will use movement caused by indirect force (gravity) and direct forces to create controlled movement of a marble.

Measurement/Patterns

045416 VH
PJIS 47 min CA 1997 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Measurement (086385); and, Patterns (086386).

The Middle ages picture pack (Kit)

035364 KT
J 1997 National Geographic Society
This kit contains a visual library of images illustrating the Middle Ages. It covers the main events of this thousand-year period; and explores feudal life and traces the growth of trade and towns. Some of the captioned pictures are titled: Huns at a feast-Vikings setting sail-Market on the Volga-Knights jousting-Peasants farming-Medieval classroom-Medieval armor.

Middle Ages; Civilization, Medieval

National Geographic adventures (Series)

For descriptions see individual titles:
Physical geography of Canada [043880]

Natural Resources (KIT)

036033 KT

J
This kit has been produced by the Ontario Ministry of Natural Resources to develop appreciation, understanding and conservation principles relating to fish, forest and wildlife resources. Lessons contain practical, easy-to-use, fun activities and worksheets which give students the opportunity to understand the environment and renewable resources of Ontario. Artifacts contained in the "Resource Kit" are for hands-on experience.

Nature conservation; Wildlife conservation

The noble

045671 VH
JL 23 min 2002 Magic Lantern
Life in the Middle Ages (Series) - Nobles were the wealthiest members of society, a group who advised the king and ruled the serfs. Explore the castles that served as both fortification and living space for the noble family, while taking in the personal effects and food that demonstrated a noble's affluence. Students will learn about the traditional career paths for children born into nobility, the tournaments that nobles attended for entertainment and the lasting legacy of the wealthiest class of the Middle Ages. Teacher recommended - 2006.

Castles; Civilization, Medieval; Middle Ages

Our Home Canada

044126 VH
30 min 1999 A/V International
This video has received a great deal of praise and acclaim. Designed for children from ages 6-14, this full-motion video presents a fast-paced tour of Canada from the Atlantic to the Pacific and from the Great Lakes to the Arctic Ocean. It introduces all 10 provinces and three territories including capitals and principal cities, major points of interest, industries, landforms and people. Throughout the

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program, students gain an important insight into the immense cultural and geographic elements that bind us together as a nation. All video sequences were gathered from every part of Canada and combined to form this exceptional program. The visuals are enhanced by beautiful original musical score from the Hurontrends. Teacher recommended - 2006.

Canada - Social life and customs;
Canada - Geography; Canada - History

Over Canada : an aerial adventure

044521 VH
JIS 56 min 1996 Magic Lantern
Fly over Canada, is an aerial adventure over spectacular mountaintops, valleys, plains and forests. Over Canada reveals the rocky cliffs of Newfoundland, the towers of Toronto, the snowy north, and the patterns of the Prairie farm fields. Visit Niagara Falls, the Rocky Mountains, Iceberg Alley and Quebec's Winter Carnival. The outstanding sound track includes Canadian music by artists such as Celine Dion, Bruce Cockburn and the Rankins.

Canada - Geography; Canada - Description and travel; Physical geography - Canada

Physical geography of Canada

043880 VH
JI 25 min 1998 National Geographic Society
National Geographic adventures (Series) - This study of landforms, together with features of natural history and geology, takes students on a journey covering one of the world's largest, but least populated, nations. The film features geographical highlights of Canada in six principal regions: the Atlantic Coast, the St. Lawrence River Valley, the Great Lakes area, the Arctic, the Central Plains, and the Pacific Coast. While the video focuses on Canada's physical geography, viewers will come to understand many of the ways in which geography influences all forms of life. They will see how plants and animals are adapted to the extreme conditions of the north and how humans have learned to live there as well. And they will understand why a rich, urban, agricultural and industrial life has developed around the Great Lakes and St. Lawrence River lowlands. Canada's many contrasts provide many examples of the importance of geography. Teacher recommended - 2008.

Canada - Geography

Pioneer life (Series)

For descriptions see individual titles:
Building a first home [090411]
Earliest pioneer life [090412]

Plants and animals depend on each other

041459 VH
PJ 13 min 1992 Magic Lantern
Ecology for beginners (Series) - A leaf protects a butterfly from the rain, underwater plants provide refuge for fish. Some animals depend on plants for nourishment, while the decomposing bodies of animals provide nutrient-rich soil for plants. Plants put oxygen into the air, while using carbon dioxide that animals, in turn, breathe out. For more information on this topic, view the website linked below. Teacher recommended - 2006.

Ecology; Plants; Animals; Botany

Print Making - Grades 1-6

000017 KS
PJ

Probability/Time

044757 VH
PJIS 50 min 1999 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Probability (086135) and Time (086136)

Pulleys

046253 VH
PJ 13 min CA 2003 Magic Lantern
The way things work (Series) - Animated video based on the book, "The way things work" by David Macaulay. The islanders learn about pulleys when they attempt a mammoth lift - container.

[zz] Macaulay, David. The way things work.; [zz] Schlessinger Media.; Animated films; Pulleys

Pulleys in Action - Grade 4

000177 KS
J 2001

Return to the magic library - Programs 1-5

041098 VH
PJ 75 min 1990 TVOntario
Return to the magic library (Series) - Contents: "A different drum" - "A good tale" - "Good friends" - "A daring rescue" - "A knight-time tale".

Fiction films

Return to the magic library (Series)

For descriptions see individual titles:
Return to the magic library - Programs 1-5 [041098]

Rhythm Band Instruments - Grades K-5

000400 KS
P N/A

Road Rally Attraction - Grade 3

000171 KS
J 2000
A hands-on resource kit with which students will investigate magnetism and static electricity to determine the characteristics of each on the interactions that they had with various materials. Student will identify the occurrence of these two indirect energy forms in our environment. They will combine their knowledge with the skills of design to create and construct a model car that is powered by magnetic force. This kit contains various types of magnets as well as magnetic and non-magnetic materials.
Magnets

Rock and Mineral Hounds - Grade 4

000178 KS
J N/A 2002

Rocks and minerals

044825 VH
JI 15 min 1996 Kinetic Inc
Our world rocks—literally. Everything solid in nature began as a mineral. We rely on rocks and minerals in our daily lives, and most of the time, don't even know it. Developing an understanding for how integral rocks and minerals are to our daily lives will help children form a greater appreciation for the building blocks of our world. General information about rocks and minerals is discussed. Concepts regarding the uses, properties, and formation of rocks is also presented in the video. Teacher Recommended - 2006.

Minerals; Rocks

Rocks and Minerals - Grade 4

000015 KS
J

Science for you (Series)

Challenges viewers to discover how science concepts help them learn about their world. Models the scientific method of questioning, hypothesizing, experimenting, observing and inferring. Features dozens of easy-to-replicate experiments and activities. *For descriptions see individual titles:*
Habitats : who needs bugs?
[043346]

The serf

045672 VH
JI 23 min 2002 Magic Lantern
Life in the Middle Ages (Series) - The daily life of the serfs who were bound to their lords' lands and whose days were filled with difficult manual labour. Discover what it was like to be the child of a serf, learn about the holidays they celebrated and the eventual changes in society that led the members of this class to rise above their meager beginnings.

Civilization, Medieval; Middle Ages

Top 100 Titles

Simple machines

045806 VH

JL 30 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Simple machines are everywhere doing complicated things. While tooling around with handy simple machines, Bill Nye careens around a roller coaster, furiously pedals his bike on the "Tour du Science" and parodies The Jackson 5. Teacher recommended - 2006.

Simple machines; [zz] Nye, Bill.

Simple machines : levers

042332 VH

JP 12 min 1984 Magic Lantern
An animated film explaining the workings of the lever. Terms such as 'load', 'force', 'fulcrum' are explained. The application of the lever in many devices is demonstrated.

Mechanics; Machinery; Levers

Soak It Up - Grade 2

000168 KS

P 2000
A hands-on resource kit with which students will investigate the properties of solids and liquids and the interactions that occur between them in the home and the environment. They will also explore buoyancy, absorption and the types of materials used to contain solids and liquids. The students will then demonstrate their understanding of these concepts by designing and constructing an invention that will first contain and then absorb an oil spill.

Liquids; Solids

Soils - Grade 3

000173 KS

P N/A 2004
A hands-on resource kit with which students will study the properties and characteristics of different soils. They will describe how the changes in soil type affect plant growth. Students will apply their knowledge by analyzing unfamiliar soil samples and make recommendations for soil needed for growing a flower garden. The final product will contain the soil separation results, a soil recommendation and a plan for the garden. This kit contains clay, gravel, peat moss, sand, topsoil, seeds, soil sieves and more.

Solid, liquid, gas

040042 VH

PJ 15 min 1986 National Geographic Society
Rocks, leaves and sticks are matter. Water and air are matter. Even people are matter. All materials, both living and non-living, are matter. This video introduces students to these three forms of matter, teaching them that all matter takes up space and, on earth, has weight. Many common examples of the three states of matter, as well as simple, effective demonstrations, will help your students learn the basic properties of

solids, liquids, and gases. Teacher Recommended - 2006.

Matter; Gases; Periscopes; Liquids

Sound (Good Vibrations) - Grade 4

000001 KS

PJ

A hands-on resource kit with which students will investigate how sound is caused, how it travels, and how it can be sensed, measured and controlled. They will also explore ways in which sound is transmitted, reflected and absorbed by a variety of materials. Students will have opportunities to perform fair tests, collect and display data and use the skills of design.

Sound/Light and Color

042661 VH

J 50 min 1995 Magic Lantern
Bill Nye : the science guy (Series) - Includes: Sound (084556) and Light and Color (084557)

Toys and Energy - Grade 2

000087 KS

P

Tuff-Cams

000037 KS

P

N/A

2008

This kit consists of a set of fifteen "Tuff-Cam" digital cameras.

Digital cameras

Understanding animals (Series)

For descriptions see individual titles:
Animal life cycles / produced by Greg Ritacco ; written by Jennifer Pierce. [090218]

The way things work (Series)

For descriptions see individual titles:
Pulleys [046253]
Wheels & axles [046254]

What is a community?

090414 DV

P 12 min 2005 ETHOS Ltd.

Learning about your community (Series) - This program defines what a community is and outlines the similarities and differences between communities. Contrasts are made between early pioneer communities and modern day communities including the differences between communities of today in urban and rural areas. Examines the common characteristics of all communities - container.

Communities; Community life

Wheels & axles

046254 VH

PJ 13 min CA 2003 Magic Lantern
The way things work (Series) - Animated video based on the book, "The way things work" by David Macaulay. The islanders learn about wheels and axles when they attempt to dry the mammoths - container. Teacher recommended - 2006.

Simple machines; [zz] Schlessinger Media.; Axles; [zz] Macaulay, David. The way things work.; Animated films; Wheels; Machinery

Why animals live where they do (2nd ed.)

041460 VH

PJ 12 min 1992 Magic Lantern
Ecology for beginners (Series) - Learn how different types of animals live in the same environment, see how animals adapt to living conditions and discover why animals dependent on one food source can become endangered. For more information on this topic, view the website linked below.

Extinction (Biology); Animals - Adaptation; Environmental education; Ecology

Zany activities with a rubber chicken [kit] : [a coop full of improvisation ideas for intramuralists, campus recreation administrators, teachers and community leaders everywhere] / [produced by] the Canadian Intramural Recreation Association.

000115 KS

PJIS

1995

Improvisation (Series). - This kit consists of activity guide and twelve rubber chickens for a wide variety of group games and activities with the objective of developing active group participation, team work, and improvisation skills - Guide.

Group games; Amusements; Recreation; Improvisation (Acting); Physical education and training; [zz] Canadian Intramural Recreation Association.; [zz] Canadian Association Health, Physical Education, Recreation, Dance