

A ONE



# LEARNING

This section contains a selection of resource materials and classroom support activities of interest to teachers in British Columbia.

## Dairy Farmers of Ontario

Nutrition Commission  
Ontario  
Phone: Toll-free 1-800-392-9929  
Fax: (905) 821-0585  
E-Mail: info@teachnutrition.org

### \* NUTRITION.

This highly resourceful site was made possible by a team of six registered dietitians who specialize in nutrition education from the Dairy Farmers of Ontario (DFO) - a not-for-profit agency owned and operated by the farm families of Ontario's 7,000 dairy farms. Through various nutrition education activities, the DFO encourage people to make dietary choices that promote good health. This site provides nutrition education services, resources and programs for educators, health professionals and consumer groups.



Abbotsford, BC  
Phone: (604) 556-3088  
Fax: (604) 556-3030  
E-Mail:  
Lindsay.Babineau@gems9.gov.bc.ca  
http://www.aitc.ca/bc/pages/resources/Resources.html

### \* THE SUSTAINABILITY ROAD SHOW.

In this new video (and guide), viewers will have a fresh look at the environment through agriculture. Join host Ryan as he travels BC finding out what sustainability means and how sustainable practices are used in the production of our food. Video and resource guide cost: \$19.95 + S & H. Grade 11. Produced in partnership with Agaware BC and Open Learning Agency.



order. Cost: \$22.95 CD, or \$19.95 cassette + S&H.

## Earth Save BC

Vancouver, BC  
Phone: (604) 731-5885  
Fax: (604) 731-5805  
E-Mail: office@earthsave.bc.ca  
www.earthsave.bc.ca/materials/articles/enviro/ofop.html

### \* OUR FOOD, OUR PLANET - Feature Article.

EarthSave Canada is a non-profit, educational organization promoting awareness of the health, environmental, and ethical consequences of our food choices. The 3-page article, Our Food, Our Planet provides an interesting twist on how the food choices we make have a profound impact on the environment. Light is shed on the benefits of a move towards a more sustainable plant-based diet. This resource is suitable for intermediate grades and could be useful in nutrition discussions or as a platform for debate. Cost: FREE.



Lindsay.Babineau@gems9.gov.bc.ca  
http://www.aitc.ca/bc/pages/resources/Resources.html

## FOUR SEASONS ON A CATTLE RANCH.

This learning resource contains information about digestive systems, adaptation of animals to the environment and sustaining a resource. All of these Life Science learning outcomes can be met with this kit that includes: 10 beautiful coloured photos, accompanying text and activities. Designed especially for those not familiar with cattle ranching. Cost: \$10 + S & H.



## Visual Education Centre Limited

Etobicoke, ON  
Phone: 1-800-668-0749 ext: 252  
Fax: (416) 252-2155  
E-Mail: bsimon@visualed.com  
www.visualed.com

## THE GREEN EARTH CLUB 2.

The Green Earth Club 2 video is part of a large series produced to make young people aware of the environmental choices we make in daily life, and show how people can make a difference. Segments include: spotlight on EnviroKids-children who have taken up their own environmental projects, Green Tips about reducing, reusing and recycling, Get Activated, and reviews of books, show and movies about the environment. Search the web site database for more information and to explore the other videos in this series. Order on-line. Cost: \$59.95



## Education World

Lester B. Pearson College  
Victoria, BC  
Phone: (250) 391-2412  
Fax: (250)391-2412  
E-Mail: admin@pearsoncollege.ca  
http://www.racerocks.com/racerock/jason/index.html

### \* RACE ROCKS.

This site, provided by Lester B. Pearson College, was created to enable people to view the sensitive ecological area of Race Rocks; a series of islands between the southern tip of Vancouver Island and the state of Washington.. A series of four video cams provide continuous live streaming video from strategic points on the island. The section on ecosystems gives information on biological components, environmental data, energy systems, research projects, education and more. Also available are sections that outline the history of this protected area and the impact of the development of the marine resources on the First Nations people. Lesson plans are available that can be adapted to be used in any curriculum. Grades 4-12.



## Mining Association of BC

Vancouver, BC  
Phone: (604) 681-4321 ext: 121  
Fax: (604) 681-5305  
E-Mail: info@bcminerals.ca  
www.bcminerals.ca/files/mabc\_resource\_units/000010.php

### \* GRADE 5 INTEGRATED RESOURCE UNIT ON MINING.

This resource unit is written with a thematic approach to mining, integrating learning across the curriculum. The lessons are developed around the past, present and future of mining and are intended to increase the students' knowledge of mining. It can be used in whole or in part, as the individual teacher sees fit within his/her program. This particular unit may be taught in the classroom for up to two months or longer if the teacher chooses to do so. It is integrated into language arts, science, social studies, art and has many extended activities. Visit the web site to download the curriculum correlations for this resource unit. A workshop must be attended in order to obtain this highly useful resource. Cost: \$50. Contact the MABC to book an in-service workshop.

## Jayd Publishing

Nelson, BC  
Phone: (250) 825-4472  
E-Mail: corner@telus.net  
www.songs-about-rocks.com

### \* ROCK MUSIC. Rocks, by Joan

Corner, is a music-based, integrated teaching unit with a creative, fun-filled approach to helping children learn about rocks and minerals! Rocks is a sequential, integrated teaching unit on rocks and minerals that includes a CD (or cassette tape), instructional binder, and a Readers' Theatre play. The CD has six, wonderfully informative, original and easy-to-sing songs, plus a Mineral Identification Rap, as well as instrumental versions of each song. The accompanying binder contains lyrics and guitar chords for each song, many activities to link movement to the music (e.g., body percussion, line dancing), a teaching story, and many suggestions to help teach the main concepts to young learners. Call or visit the web site to



## Honey Bee Centre

7480-176th Street  
Surrey, BC  
Phone: 604-575-BEES (2337)  
http://www.findfamilyfun.com/honeybee.htm

### \* THE HONEYBEE CENTRE.

The Honeybee Centre is a commercial honey farm, research laboratory, and visitor attraction. Classes can participate in an educational tour of the honey farm, learn about bee farming, honeybee biology, and more. Children can safely view honeybees working in a large observation hive, watching the queen lay eggs and worker female bees tend to brood. Teachers should plan for 2 hrs on-site time. Class tour times are held daily at 9:30 a.m., 11:30 a.m. and 1:30 p.m. Cost for tour: \$5 students, teachers and supervisors FREE! For an additional \$3 per person, visitors can make their own beeswax candles OR a beehive nest. Each teacher receives a complimentary kit.



## Toastmasters International

Vancouver, BC  
2150 Maple Street - SPEC Building  
Phone: (604) 685-0688  
E-Mail: estm@vcn.bc.ca  
www.earthsave.bc.ca/events/toastmasters.htm

### \* SPEAKING OUT FOR THE ENVIRONMENT.

Toastmasters International teaches communications, leadership, and confident public speaking skills. Help your career and speak out for worthy causes. Each week Earthsave Toastmasters attracts over 20 to 30 persons who engage themselves in a variety of environmental issues in the successful short and snappy Toastmasters format. It is a vibrant, alive and inspirational club. Guests are welcome to attend.

## BC Agriculture in the Classroom

Abbotsford, BC  
Phone: (604) 556-3088  
Fax: (604) 556-3030  
E-Mail:

## Puffin Productions Publishing

Phone toll-free: 1-888-878-3346  
Fax: (403) 283-8890  
www.puffin.ca/whales

### \* WHALES OF WONDER: OCEAN ADVENTURES FOR THE CLASSROOM.

Tap into your students' fascination with whales and the undersea world via these ready-to-use lesson ideas that use ocean themes to teach all curriculum subjects. This is a rich collection of classroom activities that have been extensively field tested in year long elementary level oceanography units and conference presentations for teachers over a number of years. Grade 3-7 cross-curricular. Cost: \$15. Call to order, or visit on-line at www.puffin.ca/form.htm .



## Breakwater Books

Newfoundland  
Phone: 709-722-6680  
Fax: 709-753-0708  
Order: 1-800-563-3333  
www.breakwater.nf.net  
**GETTING ALONG: FISH, WHALES AND FISHERMAN.**

A stimulating text filled with wonderful, authentic drawings of whales, nets, buoys, numerous fish and different types of boats. Developed in Newfoundland by the Whale Research Group of Memorial University, this book is well-reviewed by teachers and designed for use in elementary schools. Cost: \$4.95



## Wiley Canada

Ontario  
Phone: 1-800-567-4797  
Fax: 416-236-8743 or 800-565-6802  
www.wiley.ca  
**LOOKING AT THE ENVIRONMENT.** Author: David Suzuki, 96 p. This resource book is filled with exciting projects and activities and extremely well illustrated. Looking at the Environment is a great way for kids and their parents to participate in the science adventure. With David Suzuki as your guide, you'll learn about earth, sea, and air, how they work and how they all interconnect to create what we call the environment. Grades K-7. Cost: \$9.95 USD.

# RESOURCES TEACHERS' SHOPPING LIST

Companies, government agencies and other associations are welcome to submit items for inclusion in this section.

## JANICE VANCLEAVE'S EARTH SCIENCE FOR EVERY KID: 101 EASY EXPERIMENTS THAT REALLY WORK

Author: Janice VanCleave, 248 p., paperback (c) 1991  
In this learning resource, each of the 101 experiments is broken down into its purpose, a list of materials, step-by-step instructions, expected results, and an easy to understand explanation. Every activity has been pretested and can be performed safely and inexpensively in the classroom or at home. Grades K-7. Cost: \$12.95 USD.



## BCTF Lesson Aids Resources

To order, please include a cheque, VISA or Mastercard number (with expiry date), or an authorized Purchase Order and mail to:

BCTF Lesson Aids Service  
#100-550 W.6th Avenue  
Vancouver, BC  
V5Z 4P2

Purchase Orders and VISA/Mastercard Orders may be faxed.  
Phone: (604) 871-2181

Toll-Free (BC only): 1-800-663-9163  
Fax: (604) 871-2295

<http://www.bctf.bc.ca>

## SONGBIRDS IN THE CITY: A CELEBRATION

Author: Valentin Schaefer and Leanne Paris, 140 p., (c)1999.

This book describes how songbirds contribute to our lives in the city and what we can do to make cities more friendly for birds. It also describes activities of the Songbird project and the Green links Project held in Greater Vancouver to celebrate the city as a



home to both nature and people.  
Audience: Elementary and Secondary.  
Reference # EE224 Cost: \$10.95  
**A TEACHERS' GUIDE TO  
ENVIRONMENTAL EDUCATION  
PROGRAMS**

Author: Edited by Jim Sibley, 25 p., (c)1999.  
This guide profiles 12 organizations that bring independent environmental education programs to the classroom. The purpose of the guide is to reduce the amount of material that teachers must review when selecting independent environmental educators to bring into their classroom, and to allow the independent environmental educators more access to the classroom.  
Online guide:

<http://mypage.direct.ca/v/vkc/eeguide>  
Reference # EE222 Cost: \$3.50

## CANADA'S RAINFORESTS: FROM MAPS TO MURRELETS

Author: Briony Penn and Jennifer Hoffman, 141 p., (c)1998

This resource package includes a teacher's guidebook and a colour poster map and focuses on the coastal temperate rainforest of British Columbia. Through the investigation of mapping technology and temperate rainforest ecology, students are able to investigate the ways in which mapping can help us make more informed decisions about wilderness, wildlife and biodiversity. The book is written by a team of educators and curriculum specialists. Divided into a series of modules and primers plus an independently study project section on "Barefoot Mapping" - this resource is a schoolground-based, hands-on ecosystem mapping project



for Grades 8 to 12. Each module is defined by a particular subject and grade level, and includes 2 to 4 activities. Additional information is provided for both the teacher and the student. Audience: Grades 8 to 12. Reference # EE305 Cost: \$22.95

## Bamfield Marine Station

Bamfield, B.C. (Vancouver Island)  
Phone: (250) 728-3301  
Fax: (250) 728-3452  
E-mail: [astewart@bms.bc.ca](mailto:astewart@bms.bc.ca)  
[www.bms.bc.ca/education/fieldtripinfo.html](http://www.bms.bc.ca/education/fieldtripinfo.html)

## BAMFIELD MARINE STATION- PUBLIC EDUCATION PROGRAM.

Bamfield Marine Station provides year-round research facilities and technical assistance to scientists from the five western Canadian universities as well as visiting scientists. The Station also a tremendous public education program which provides coastal science Field Trips for school, college and adult students. Some important points in the educational orientation of the program are experience, conservation, observation, enjoyment and intensity. Book well in advance (2-nights Sept.-late April) Cost determined by activities. General costs for facilities, guide and gear: Adults \$35 per day and Students \$25.00 per day. Meals and accommodation: \$50.00 per person per day.



## FORED BC

For Education about our environment and its natural resources.

### Provincial Office

#213 - 4438 West 10th Avenue, V6R 4R8

Vancouver, British Columbia

Phone: (604) 737-8555

Fax: (604) 737-8598

Teachers' Fax: (604) 737-8533

Teachers' Toll-Free: 1-888-28-TREES

Website: [www.landscapesmag.com](http://www.landscapesmag.com)

Cheryl Ziola, President

E-mail: [info@foredbc.org](mailto:info@foredbc.org)

Available from FOREDBC

- Website for teachers and students: [www.landscapesmag.com](http://www.landscapesmag.com)
- Teacher training workshops for a variety of grade levels with a focus on resources such as trees, wildlife, water, minerals, soil, as well as related careers and aboriginal forest practices.
- Information and activity packages in response to teacher topic requests.
- Idea exchange sessions for teachers and natural resource sector professionals.
- Training workshops for education volunteers from industry and government.
- Advice and services for classroom presenters on a consulting basis.
- Education consulting.
- Review of curriculum packages related to environmental education topics.
- Participation in and provision of speakers for Provincial Specialty Association conferences.

## HOME PAGES

### • PEDAGONET LEARNING RESOURCES

[www.pedagonet.com](http://www.pedagonet.com)

The focus of our database is to facilitate the exchange of educational resources. Our database is organized by subject and contains resources posted by educators and resources wanted by other educators. We are one of the new generation of companies on the web that offers great quality, great selection, and great service at the lowest possible prices by utilizing the economies of a totally internet based business.

### • WALKING WITH PREHISTORIC BEASTS

<http://dsc.discovery.com/convergence/beasts/beasts.html>

Welcome to the last 65 million years on Earth which ushered in the rise of mammals, the freezing of the climate, and the arrival of humans! On this web site, students will learn about the players (creatures from the Cenozoic Era), their habitats and the science behind these discoveries. Interactive features on this site allow students to 'Build-a-Beast' from skeletal remains, view the changing environment of the creatures and e-mail a scientist with unresolved questions.



### • OFFICE OF NAVAL RESEARCH (ONR)

[www.onr.navy.mil/focus](http://www.onr.navy.mil/focus)

The Office of Naval Research (ONR) coordinates, executes, and promotes the science and technology programs of the United States Navy and Marine Corps through schools, universities, government laboratories, and nonprofit and for-profit organizations. This site contains exciting ocean facts and information suitable for Grades 4-7. Topics include - ocean in motion, habitats, ocean life, ocean water, ocean regions, research vessels and educational links.



### • GLOBAL FOREST AWESOME

[www.gfawesome.org](http://www.gfawesome.org)

This site is an educational and reference tool, as well as a guide to planning a scientifically sound curriculum. GFA makes learning about forest research and ecology fun for students of all ages. As well, the site contains many interesting facts about forests and the wildlife within them, examining how and why forests work. There are lesson plans, quizzes, activities and much more for your classes.

### • THE LIVING THINGS

[www.fi.edu/tfi/units/life](http://www.fi.edu/tfi/units/life)

From the Science Learning Network and The Franklin Institute, The Living Things unit offers resources and classroom activities related to a wide spectrum of topics in life science. Students will learn all about plant life, including a study of individuals, families, and neighbourhoods of plants and their life cycle. Teachers will also find tools for communicating and collaborating with other educators around the world.



### • WONDERVERILLE

[www.wonderville.ca](http://www.wonderville.ca)

Brought to you by the Science Alberta Foundation, the town of Wonderville was created to spark kids' interest in science. With the Wonderville web site, students can engage in scientific experiments, locate cool science facts,

download exclusive screensavers and desktop wallpaper, and even find out about careers in science all while having fun. The scientific activities are based in the Alberta learning science curriculum for grades 4-6 and include outcomes, objectives and technical requirements contained in a 'Read Me' file specific to each activity. Requires: flash 6.

### • ENVIRONMENTAL PROTECTION AGENCY

[www.epa.gov/teachers/curriculum\\_resources.htm](http://www.epa.gov/teachers/curriculum_resources.htm)

Need activity ideas for your unit on water quality? Interested in teaching pollution prevention concepts? On this site you will find curricula and activities on a variety of environmental topics. Explore different links and find creative ways to teach your students about the environment.



### • RECYCLE CITY

[www.epa.gov/recyclecity/](http://www.epa.gov/recyclecity/)

Travel around Recycle City - a fun and interactive web site for teachers and students - and find out what folks there are doing to reduce waste and make the environment better. To get started, just click on any section of Recycle City that you want to explore, or click on the Dumptown Game. Create your own Recycle City scavenger hunt or go to the Activities area and see other ways you can put Recycle City to use. When visitors leave this place they'll leave knowing much more about what they can do to help protect the environment.



### • GLOBAL RESPONSE

[www.globalresponse.org/](http://www.globalresponse.org/)

Global Response empowers people of all ages, cultures, and nationalities to protect the environment by creating partnerships for effective citizen action. At the request of indigenous peoples and grassroots organizations, Global Response organizes urgent international letter campaigns to help communities prevent many kinds of environmental destruction. Global Response involves young people as well as adults in these campaigns to develop in them the values and skills for global citizen cooperation and earth stewardship.



### • REACH OUT MICHIGAN

[www.reachoutmichigan.org/funexperiments/agesubject/subject.html](http://www.reachoutmichigan.org/funexperiments/agesubject/subject.html)

Reach Out Michigan provides a tremendous scientific educational resource to teachers, parents, mentors of students and students themselves. Choose from a variety of science activity categories (including learning objectives) that range from Astronomy, Earth Science, Biology, Physical Science, Chemistry and Technology. The activities are designed for Grades K-12.



### • SCHOLASTIC CANADA

Phone: 1-800-SCHOLASTIC

[www.teacher.scholastic.com/index.htm](http://www.teacher.scholastic.com/index.htm)

A handy web site for teachers to meet all of their educational needs. Browse useful lesson plans and choose from a variety of products for your classroom use. Scholastic offers helpful tips to plan your classroom and even shows you how to put assignments on line! Easy ordering and bonus rewards program

