

LEARNING RESOURCES

A ONE-STOP TEACHERS' SHOPPING LIST

This section contains a selection of resource materials and classroom support activities of interest to teachers in British Columbia. Companies, government agencies and other associations are welcome to submit items for inclusion in this section.

Environment Canada

Hull, QC
Toll-Free: 1-800-668-6767
Fax: (819) 994-1412
Contact: Ann Jarnet,
Rescue Mission Coordinator
E-mail: mission.action21@ec.gc.ca
<http://www.ec.gc.ca/mission>



▲ **INDICATORS FOR ACTION – RESCUE MISSION: PLANET EARTH.** The *Rescue Mission* is a network of young people working towards implementing the principles of sustainable development in their communities. Students from around the world become more familiar with their own communities and their related environmental, social and economic impacts. Beginning with the creation of a map of their surroundings, students then conduct various experiments to help them articulate their environmental observations and develop an action plan for sustainability. A leader/teacher guide and 16 indicator worksheets to help evaluate community environments are included in each *Rescue Mission* kit. Grades 5-10.

BC Teachers' Federation Lesson Aids Service

Vancouver, BC
Phone: (604) 871-2181
Toll-Free (BC only): 1-800-663-9163
Fax: (604) 871-2295
<http://www.bctf.bc.ca>

▲ **UP THE CREEK – THE SALMON SURVIVAL GAME.** World Fisheries Trust. Gameboard © 1998. This game profiles six real-life BC salmon runs. Players move from the spawning bed, down the river, through the open ocean and back up the river to the same spawning bed. Event cards describe the hazards and are counteracted with survival cards. The goal is to complete the life cycle of a salmon run without becoming extinct. The package includes a colourful gameboard, illustrated game cards, a die and player pieces and a teacher's guide with lesson plans and follow-up activities. Grades 5 and up. Cost: \$29.95.



Rainforest Reptile Refuge Society

Surrey, BC
Phone: (604) 538-1711
Fax: (604) 536-1796
E-mail: reptiles@dynaserve.com
<http://www.dynaserve.com/web/reptiles>

▲ **DISCOVERING REPTILES.** This 96-page package was created by teachers and environmental educators to reflect the IRP learning outcomes for Grades 2 to 3. Worksheets and hands-on activities for implementing a reptile unit are included. The resources can be used as an addition to the Refuge in Surrey, at other animal facilities, for native species or on its own. Some topics featured: animal life cycles, habitats, animal interaction and endangerment. Cost: \$19.99 plus GST and shipping.



Scholastic Canada Ltd.

Markham, ON
Toll-Free: 1-800-268-3848
Fax: 1-800-387-4944

▲ **THE BUG BOOK.** Robin Bernard. 88 p. This book presents learning activities to introduce students to the fascinating world of insects. Materials include a large pull-out poster, a glossary and a literature links bibliography. Grades 1-4. Cost: \$16.50 plus GST and shipping.



Classroom Video

Coquitlam, BC
Toll-Free: 1-800-665-4121
Fax: 1-800-665-2909
E-mail: classvid@portal.ca

▲ **GENE TECHNOLOGY - PARTS 1 AND 2.** 1999. Part 1 of this video series explores the history of understanding genetics, and outlines the function of DNA, chromosomes, genes and protein replication. Cloning and the *Human Genome Project* are also covered. The second part of the series, called *Gene Technology in Agriculture*, looks at the issues of genetically modified food safety, environmental risk and labelling. Various experts discuss these and other relevant topics. Grades 11-12. Cost \$79 each.

Gage Educational Publishing Co.

Scarborough, ON
Toll-Free: 1-800-667-1115 ext. 430
Fax: (416) 293-0846

▲ **A FIELD TRIP TO THE EARTH.** This interactive CD-ROM introduces students to the core curriculum earth science topics such as volcanoes, earthquakes, plate tectonics, glaciers, mountain formation, rocks and fossils. Through video, photographs, and illustrations students learn facts and details on a specific topic. A Field Guide allows students to pursue research in greater detail and the Media Gallery offers additional visuals to help grasp difficult concepts. A complete word processor is included. Grades 4-8. Cost: Lab Pack of 10: \$129.95.

Postels Marine Educational Expeditions

Bamfield, BC
Phone: (250) 728-3437
Fax: (250) 728-3439
<http://www.postels.com>

▲ **MARINE EXPEDITIONS.** These marine adventures provide hands-on, full-immersion experiences in marine science and environmental and outdoor education. The 4 - 6-day field trips aboard a 90-foot traditional schooner are operated on the west coast of Vancouver Island in Barkley and Clayoquot Sounds. Professional marine scientists and educators lead curriculum-based programs designed according to the interests and needs of each group. Grades 9-12.

Concepts Inc. Educational Resources

Toll-Free: 1-877-787-7370
Fax: (780) 309-4270
E-mail: conceptsinc@yahoo.com
<http://www.CI-ConceptsInc.com>

▲ **CELEBRATION OF NATURE IN FREESTYLE POETRY.** Les G. Curthoys. This collection of nature poetry includes a ready-made course that enables teachers to involve students of all grades in the creation of imaginative and personal freestyle poetry. The course illustrates the importance of observing with the five senses and imagination, using pictures and first-hand experience. Grades 1-12. Cost: \$29.95.



Let's Get Growing

Santa Cruz, CA
Toll-Free: 1-800-408-1868
<http://www.letsgetgrowing.com>

▲ **GETTING STARTED: A GUIDE FOR CREATING SCHOOL GARDENS AS OUTDOOR CLASSROOMS.** This book is based on the *Life Lab Science Program's* 20 years experience with school gardening and offers a guide for transforming the schoolyard. Advice is given on all aspects of school gardening, from selecting and planting the site to obtaining funding and involving the community. Grades 1-12. Cost: \$8.95 plus shipping \$3.95 US.



FORED BC

Bringing the environment
to the classroom

Provincial Office

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.foresbc.org
Victor Godin, President
E-mail: vgodin@foresbc.org

Cheryl Ziola, Director, Education Services
E-mail: cz@foresbc.org

Available from **FORED**

- Website for teachers and students: www.foresbc.org
- 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.
- Review of curriculum packages related to environmental education topics.
- Participation in and provision of speakers for Provincial Specialty Association conferences.

TREEVIA QUESTIONS

See answers on page 16.

1. Which province has the oldest trees in Canada?
 - a) New Brunswick
 - b) Ontario
 - c) British Columbia
2. Where are Eastern Canada's oldest trees located and what species are they?
3. What field of science benefits the most from dendrochronology, the science of tree ring dating?

- Courtesy of Canadian Council of Forest Ministers

HOME PAGES

• THE ENDANGERED ANIMALS OF THE WORLD

<http://cyberfair.gsn.org/tenan>

In this ongoing project, students around the world research endangered animals and post their findings on the website. Participants receive monthly e-mail newsletters, which are also archived on the site.

• EXPLORING PLANETS IN THE CLASSROOM

http://www.soest.hawaii.edu/SPACEGRANT/class_acts

This URL has more than 25 hands-on science activities for exploring Earth, the planets, geology and space sciences provided in classroom-ready pages for teachers and students.

• ROCKHOUNDS

<http://www.fi.edu/fellows/payton/rocks>

This website features geology with a canine twist. There is an abundance of information at a kid's level as well as teacher lesson plans and support materials.



• TEACHING AND LEARNING ON THE WEB

<http://www.mcli.dist.maricopa.edu/tl>

Hundreds of actual examples of ways to integrate the WWW into teaching, including real-life models of successful technology-based instruction.

• ROOTS AND SHOOTS

<http://www.janegoodall.ca>

This is the home site of the Jane Goodall Institute. Read "success stories"; find out how to join *Roots and Shoots* clubs and groups to promote care for the environment, animals and human communities through constructive activities.

