



# Appendices

A - Curriculum Organizers and Learning Outcomes

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B - Glossary

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C - Video Script

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D - Supplementary Resources, Workshops  
and Field Trips



Community Events									
Resource	TOPIC			FORMAT					
	Water Cycle & Weather	Forms and Properties of Water	Water & Living Things	Online	In-school	Field trip	Hard Copy	Printable	Fee
<b>Water Week Canada</b>			•	•					•
<b>UN World Water Day</b>			•	•					•
<b>Compost Education Centre</b>			•	•					•
<b>Capital Regional District- Parks</b>			•	•					•

### Water Week Canada

Canada Water Week is a week-long celebration of water from coast-to-coast-to-coast, held annually in the third week of March to coincide with World Water Day on March 22. Individuals, organizations and governments across the country are encouraged to get involved by organizing or participating in fun and educational events. Event Tool kit, water calculators and other resources are available online.

[canadawaterweek.com](http://canadawaterweek.com)

### UN World Water Day

International World Water Day is held annually on 22 March as a means of focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources. Host your own event- posters, t-shirt templates and more provided online. Share your event photos and stories.

[www.unwater.org/worldwaterday/](http://www.unwater.org/worldwaterday/)

### Compost Education Centre

1216 North Park Street, Victoria

The Victoria Compost and Conservation Education Society promotes composting, organic gardening, conservation, local food production, and urban sustainability. Youth, community and certificate programs available.

250.386.9676

[info@compost.bc.ca](mailto:info@compost.bc.ca)

[www.compost.bc.ca](http://www.compost.bc.ca)

### **Capital Regional District- Parks**

Whether you're 6 or 60, CRD Regional Parks has a nature outing and event for you- for every season. Join a park interpreter for a guided walk, hike, drop-in event or canoe adventure. See the calendar for an outing and event that piques your natural curiosity and discover your 30 + regional parks and trails. Participate or encourage your students' families to participate in a CRD Parks event (free of charge)

**[www.crd.bc.ca/parks/events/calendar.aspx](http://www.crd.bc.ca/parks/events/calendar.aspx)**

## Organizations and Web Sites

### Capital Regional District

250.360.3000

[www.crd.bc.ca](http://www.crd.bc.ca)

#### **SUSTAINABLE U**

Environmentally sustainable ideas, actions, initiatives and contests designed specifically for us and our region.

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

#### **DRINKING WATER**

The CRD is the bulk (wholesale) water supplier to the 340,000 consumers in the Greater Victoria Drinking Water System and the retail water supplier in the West Shore Communities and Sooke. The organization also provides system wide water conservation, water quality and cross connection control services. For information about the Greater Victoria Drinking Water System including:

- water supply
- water quality and protection
- water rates
- water efficiency
- 250.474.9600

[www.crd.bc.ca/water/](http://www.crd.bc.ca/water/)

### **STORMWATER, RAINWATER, HARBOURS and WATERSHEDS**

The CRD works with municipalities and the community to maintain healthy watersheds and protect the near shore receiving environment. Working in partnership, the Stormwater, Harbours and Watersheds (SHWP) program monitors stormwater quality, develops regulatory tools such as model stormwater bylaws and codes of practice, restores key areas within the harbours and watersheds, educates the public, and promotes voluntary Best Management Practices.

For information about:

- watershed protection
- stormwater flow and quality
- wild life and plants
- ecosystems
- volunteer opportunities

250.360.3253

[stormwater@crd.bc.ca](mailto:stormwater@crd.bc.ca)

[www.crd.bc.ca/watersheds/](http://www.crd.bc.ca/watersheds/)

### **WASTEWATER**

The CRD operates trunk sewer systems in the capital region. These trunk systems are the large sewer lines to which municipal sewer lines connect for sewage disposal. The trunk systems include pump stations, lift stations and wastewater bypass locations.

For information about:

- treatment facilities
- preventing pollution (source control)
- septic systems
- marine science and research

250.360.3001

[www.crd.bc.ca/wastewater/facilities.htm](http://www.crd.bc.ca/wastewater/facilities.htm)

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

### **RESOURCE MANAGEMENT (GARBAGE, RECYCLING AND COMPOSTING)**

Hartland landfill is owned and operated by the CRD and is located about 14 km northwest of Victoria. It is the only solid waste disposal facility in the Capital Region, serving 340,000 people. The operation is a multi-purpose facility providing collection for recycling, household hazardous waste, salvageable items as well as yard and garden waste collection and processing, controlled waste disposal and landfill service to commercial and residential customers. Also on site, is the Hartland Learning Centre a classroom for place-based learning.

For information about:

- Hartland landfill and recycling facility
- Recycling and the Blue Box Program
- Household Hazardous Waste
- Kitchen Scraps and Composting
- Hartland Learning Centre school programs and tours

250.360.3030

**[www.crd.bc.ca/waste](http://www.crd.bc.ca/waste)**

**[www.myrecyclopedia.ca](http://www.myrecyclopedia.ca)**

### **CLIMATE CHANGE**

The CRD's Climate Action Program (CAP) acts as a regional hub and facilitator on climate change issues, working with local governments, non-profit societies, public institutions and the private sector to help reduce emissions today and plan for climates of tomorrow.

For information about:

- Climate change in our region
- Government action
- Personal Action- at home, at work, at school

250.360.3253

**[www.crd.bc.ca/climatechange](http://www.crd.bc.ca/climatechange)**

### **REGIONAL PARKS**

CRD Parks protects and manages more than 13,000 hectares of spectacular and easily accessible natural areas in 33 regional parks and trails on southern Vancouver Island and the Gulf Islands.

For information about:

- School and community nature programs
- Park and conservation information
- How to get involved

250.478.3344

**[www.crd.bc.ca/parks](http://www.crd.bc.ca/parks)**

## Government Organizations

### BC MINISTRY OF EDUCATION: GREEN SCHOOLS

The Green Schools initiatives, strategies and programs enhance environmental sustainability, supporting students, supporting teachers, developing school communities and enhancing school infrastructure and transportation systems.

[www.bced.gov.bc.ca/greenschools/welcome.htm](http://www.bced.gov.bc.ca/greenschools/welcome.htm)

### DEPARTMENT OF FISHERIES AND OCEANS (DFO) CANADA

Fisheries and Oceans supports educators in British Columbia and the Yukon who teach their students to understand, respect and protect freshwater, estuarine and marine ecosystems, and to recognize how all humans are linked to these complex environments with the Stream to Sea education program.

[www.pac.dfo-mpo.gc.ca/education/index-eng.htm](http://www.pac.dfo-mpo.gc.ca/education/index-eng.htm)

### ENVIRONMENT CANADA

Extensive information on a variety of topics including:

- Freshwater [www.ec.gc.ca/water](http://www.ec.gc.ca/water)
- Nature and wildlife [www.ec.gc.ca/nature](http://www.ec.gc.ca/nature)
- Weather [www.ec.gc.ca/meteo-weather](http://www.ec.gc.ca/meteo-weather)

### MINISTRY OF ENVIRONMENT - WATER STEWARDSHIP DIVISION

Using the drop down menu of topics, access information related to water in British Columbia from drinking water to water power projects.

[www.env.gov.bc.ca/wsd/](http://www.env.gov.bc.ca/wsd/)

## School District

### WATER SCIENCE FOR SCHOOLS

From the US Geological Survey. For teacher background reading level too high for students. Contains extensive information about the water cycle and the presence and location of the Earth's water supply (bodies of water, groundwater, glaciers and ice caps, weather, etc.).

<http://ga.water.usgs.gov/edu/mearth.html>



## Other Organizations

### **ACORN NATURALISTS**

Educational resources including professional development resources, hands on activities and materials for a range of environmental topics.

155 El Camino Real, Tustin, CA, 92780, USA.

1.800.422.8886

[www.acornnaturalists.com/store/Freshwater-Studies-C65.aspx](http://www.acornnaturalists.com/store/Freshwater-Studies-C65.aspx)

### **AIMS EDUCATION FOUNDATION**

Math and Science resources including activity books, E-activities and AIM magazine for purchase and download.

[http://store.aimsedu.org/aims\\_store/](http://store.aimsedu.org/aims_store/)

### **BC GROUNDWATER ASSOCIATION**

Information related to groundwater in BC. Background information for teachers.

<http://bcgwa.org/>

### **BC HYDRO**

Plans and delivers the clean energy required to meet British Columbia's growing demand for electricity, operating 31 hydroelectric facilities and three thermal generating plants. The Power Smart program includes incentives to encourage customers to use less power.

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

### **ECO LEARNING HIVE**

A listing of local organizations offering environmental fieldtrips and programs.

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

### **ENVIRONMENTAL EDUCATORS PROVINCIAL SPECIALIST ASSOCIATION (EEPSA)**

EEPSA is committed to promoting networking, curriculum support, and leadership in environmental education. Conferences, grants, publications and resources available.

[www.bctf.ca/eepsa/](http://www.bctf.ca/eepsa/)

### **FISHERIES AND OCEANS CANADA**

Stream to Sea. Lesson plans, resources and programs that help students become aquatic stewards.

[www.pac.dfo-mpo.gc.ca/education/index-eng.htm](http://www.pac.dfo-mpo.gc.ca/education/index-eng.htm)

### **PACIFIC STREAMKEEPERS FEDERATION**

Pacific Streamkeepers Federation is a non-profit society helping streamkeepers take action through support, education, and building partnerships. Event calendar, resources and workshops available online.

**[www.pskf.ca](http://www.pskf.ca)**

### **RESOURCES FOR RETHINKING**

Description: Classroom resources reviewed by teacher for teachers. Resources for Rethinking provides teachers access to lesson plans, curriculum units and other teaching resources that integrate environmental, social and economic spheres through learning that is interdisciplinary and action oriented. We call this learning Education for Sustainable Development or ESD.

**<http://r4r.ca>**

### **UNICEF CANADA**

Among other services, Unicef sponsors water and sanitation projects in developing nations.

**[www.unicef.ca](http://www.unicef.ca)**

### **WATER FOR PEOPLE**

Water For People is a non-profit organization that helps people in developing countries improve quality of life by supporting the development of locally sustainable drinking water resources, sanitation facilities, and hygiene education programs

**[www.water4people.org](http://www.water4people.org)**

### **WATERWISER**

Clearinghouse of water efficiency resources.

**[www.waterwiser.org](http://www.waterwiser.org)**

### **WILD BC**

WildBC offers a variety of dynamic hands-on workshops, learning resources and programs for educators. Through these professional development opportunities there are opportunities and strategies for hands-on learning about a variety of environmental topics including British Columbia's fish, wildlife, habitat, ecology, climate change, action projects and much more.

**[wildbc.org](http://wildbc.org)**