

CLIMATE CHANGE TEACHER RESOURCES

APRIL 2010

STUDENT RESEARCH

- ◆ **BC Forestry Climate Change Working Group**
www.bcclimatechange.ca
Sections on "What is climate change?", "What is the carbon cycle?", etc., with a downloadable forestry carbon cycle graphic.
- ◆ **Forest Innovation Investment- BC Government site**
www.naturallywood.com → Go to "Climate Change" in top toolbar.
Sections on wood, paper, bioenergy and industry, as well as how forests help to mitigate climate change.
- ◆ **Tree Canada**
www.treecanada.ca
"Kids and Teachers"- Greening Canada's school grounds, "grow clean air" calculator, Canada's arboreal emblems & Tree Trivia...
- ◆ **US Environmental Protection Agency Climate Change Kids' Site**
www.epa.gov/climatechange/kids/cc.html
Sections include: "Climate & weather, greenhouse effect, climate detectives, what is the climate system, can we change the weather?, we can make a difference..."

TEACHING KITS

- ◆ **Canadian Forestry Association**
www.canadianforestry.com/kits/english/index.html
Teaching Kit series #1-8 contain multiple age group lesson plans relating to Canada's Forests, including: "Wetlands, Species at Risk, the Boreal Forest, Sustainable Forests", etc. See Vol. #2- "*Canada's Forests- A Breath of Fresh Air*" for Climate Change material.

BC CLIMATE CHANGE POSTER

- ◆ **Natural Resources Canada**
www.nrcan.gc.ca (Home→Students & Educators→ Climate Change)
Climate Poster Series & Lessons: "*Temperature's Rising: Climate Change in Southwestern BC*" – includes separate panels on air, water, fisheries, forests, etc. The "**Forests in Transition**" panel shows future trends in Interior forests. **Activity pages and answer keys** are also available for each poster under "Climate Change- Teacher Resources- Gr.5".

RESOURCE MATERIALS

- ◆ **California Forest Foundation Forestry Carbon Cycle Poster**
www.calforestfoundation.org
Another Forest Carbon Cycle graphic...This visual is contained in the lesson, "**Forests, Carbon & Our Climate**" (see next entry below), along with vocabulary page, carbon sinks and sources activity page and reducing our carbon footprint activity:
<http://www.talkabouttrees.org/docs/51-53.pdf>

- ◆ **The Forest Foundation - Talk About Trees (Lessons 1-9)**
<http://www.talkabouttrees.org/plans.html>
TOPICS: Forest Health, Sustainable Forests, Waste Not Want Not, Nature's Treasure Chest, Forest Carbon & Our Climate and Forest Watersheds with lessons, vocab and activity pages, graphics, etc.

- ◆ **Learn Forestry Forest Education Website**
www.learnforestry.org
Okanagan-created, curriculum-based forest education website with many resources: forestry kits for Gr. 3 & 5, Force of Fire unit, bibliographies, student research listings, biannual newsletters featuring new forestry teacher resources and weblinks, as well as Forest Week lessons/resources on fire, forest health, watersheds, manufacturing, etc.

- ◆ **"Climate Change & Our Forests"- Intermediate Teacher Resource**
(Council of Forest Industries & Forestry Innovation Investment)
<http://forest-education.info/main/index.html>
Distributed to all elementary schools in BC in Sept. 2009, this resource binder addresses the impacts of climate change on our environment and how our forests and its wood products are vital to mitigating those effects. Features a CD with narrated slide show, carbon cycle poster, lesson plans, activity pages, teacher background information and research weblinks. Students can calculate their carbon footprint, discuss the benefits of building with wood, design their own climate change machine and learn how they can take action to tackle climate change.

- ◆ **"BC's Mountain Pine Beetle"- Intermediate Teacher Resource**
http://www.beetleinfo.com/pinebeetle_web_content.html
(Council of Forest Industries & Forestry Innovation Investment)
Distributed to all BC elementary schools in 2005, this teacher resource binder contains lessons, student activity pages, beetle and bark samples, overheads, a video, posters and a CD. See the link to view the comprehensive resource website that accompanies the binder.

- ◆ **Mountain Pine Beetle Websites:**
BC Ministry of Forests & Range:
http://www.for.gov.bc.ca/hfp/mountain_pine_beetle/
Natural Resources Canada: http://www.mpb.cfs.nrcan.gc.ca/index_e.html