

# CURRICULUM CONNECTIONS

Volume 17: issue 1 Hidden Wonders



WHAT WILL  
YOU DO ON  
EARTH DAY?  
(PAGE 3)

**Grades K-12 Arts Education: Teaching idea**

Have students each create a puzzle piece that shows why they think the earth is important or what choices they commit to make that increases their positive impact on the earth. When finished, the puzzle pieces all fit together to make a mural for the school – permanent or temporary.

**Grades 3-8 Social Responsibility: Core Competency Applicable Curriculum**

**Link:** Contributing to community and caring for the environment. Students develop awareness and take responsibility for their social, physical, and natural environments by working independently and collaboratively for the benefit of others, communities, and the environment.

Resources: <https://earthday.ca/>  
<http://www.davidsuzuki.org/what-you-can-do/>

HORSETAIL...  
HARBINGERS  
OF SPRING  
(PAGES 6-7)

**Grade 3-7 Language Arts/Art Education/Science:**

**Teaching idea:** Use article as a springboard for a class id book of ancient plants and animals that still grow on earth today (ferns, birds, palm trees). For younger students, create a timeline with pictures of plants as they came into existence over time. Each student can create a different plant that are then displayed on a giant timeline in the classroom, hallway or gym.

Resource: <http://www.kidsgardening.org/node/12087>

**Grade 4-7 English Language Arts Applicable Big Idea Curriculum Link:**

Combining different texts and ideas allows us to create new understandings.

**Applicable Learning Standard:** Use language in creative and playful ways to develop style

**Teaching idea:** Have students identify vocabulary specific to the topic of ancient plants and horsetails which also have interesting sounds or are new to the students. E.g. elaters, spores, strobilus. Have students use these new words in rhyming poems about plants or nonsense poems meant to be fun to read, not make sense.

ALONE AT SEA:  
A READ ALOUD  
STORY  
(PAGES 12-13)

**Grade 3-9 Arts Education Big Idea:** Dance, drama, music and visual arts are each unique languages for creating and communicating.

**Teaching Idea:** Have students present the story as a Reader's Theatre or put it on as a class for parents and community.

**(HEERLY (HEER  
UP....**

**(PAGES 4-5)**

**Grade 4 Social Studies Teaching Idea:** Use names of common places, animals and things in your community, province or country to look at the history between First Nations and colonization in BC. E.g. American Robin, Fraser River, Siwash Rock, Williams Lake, all the mile houses, Cowichan Valley, salal, Fort Nelson, Prince George, Fish Lake/Teztan Biny.

**Applicable Big Idea:** Interactions between First Peoples and Europeans lead to conflict and cooperation, which continues to shape Canada's identity.

Resources:

Provincial Government place name search site: Includes some basic information about the naming and inception of each place.

<http://apps.gov.bc.ca/pub/bcgnws/>

Native plants of BC site – some information on first nations use.

<http://www.npsbc.ca/nativeplants.html>

**Social Studies Gr. 2-7 Teaching Idea:** Create range or migration maps for other birds commonly seen in your community.

Resources:

<http://www.hww.ca/en/wildlife/birds/>

<https://www.audubon.org/bird-guide>

**HIDDEN**

**WONDERS:**

**GLASS REEFS**

**(PAGES 8-10)**

**Grade 3-6 Science Curriculum Competency:** Represent and communicate ideas and findings in a variety of ways, such as diagrams and simple reports, using digital technologies as appropriate.

**Teaching Idea:** Have students create a model of a glass reef.

**Grade 3-8 Science/Social Responsibility Curriculum Competency:** Planning and Conducting – Have students pretend they are the biologists who discovered glass reefs off the coast of BC. Their job is to convince the provincial government that areas containing glass reefs should be protected (principals, a group of parents, a local MLA/MP, or a local BC Parks or Parks Canada employee could come in to be the government).

Resources:

<http://cpawsbc.org/campaigns/glass-sponge-reefs>

<http://www.macleans.ca/news/canada/can-b-c-s-glass-sponge-reefs-be-saved/>