

NEH Hudson River Workshop Lesson Plan 2013

Teacher(s): Tammy Paget and Pam Swanson

Subject: Interdisciplinary (Social Studies, Science, and Math)

Grade Level: 4th Grade

Summary:

Students will look at the Columbia River and its impact on the five regions of Washington. Students will work in groups to research a specific region and present that region to the class. Students will recognize the importance of a river on its local area.

The Hudson River in the 19th Century and the Modernization of America Lesson Plan

The Columbia River and Its Impact on the Five Regions of Washington By Tammy Paget and Pam Swanson 4th Grade Social Studies, Science, and Math

Essential Question: What is the impact of the Columbia River on the five regions in Washington State?

Objectives:

- Students will examine how the habitats change for organisms that are found in the Columbia based on the particular region of the state. (Science)
- Students will investigate, collect and graph data showing the dimensions and water capacity of all the dams that are located along the Columbia River. (Math)
- Students will identify how the Columbia River is used as a natural resource or recreation in the particular regions. (Social Studies)
- Students will investigate the historical significance of the Columbia River on the region. (Social Studies)

Procedure:

Students will be split into small cooperative groups and assigned one of the five regions: Coastal, Western Lowlands, Cascade Mountains, Okanogan Highlands, and the Columbia Basin.

Each group will choose a group leader and other roles. Teacher will introduce tasks and provide resources for students to begin their research.

Students will create a poster and presentation about their region. Other students will be taking notes from the presentations to prepare for an end of project assessment.

Materials:

See attached list of web and printed resources.

Web resources:

<http://www.bpa.gov/power/pl/columbia/index.html>

<http://www.cmmm.org/>

<http://www.critfc.org/for-kids-home/school-resources/critfc-k-12-presentations-and-resources/>

<http://www.critfc.org/for-kids-home/for-kids/>

<http://cbi.wsu.edu/tr.htm>

<http://home.wsd.wednet.edu/?q=content/author-william-layman-brings-columbia-river-alive-4th-graders>

<http://www.riverlorian.com/riversforkids.htm>

http://www.colvilletribes.com/book_of_legends.php

Printed resources:

River Wild: An Activity Guide to North American Rivers by Nancy F. Castaldo

[River of Memory: The Everlasting Columbia](#) by [William D. Layman](#)

[Native River: The Columbia Remembered](#) by [William D. Layman](#)

[The Washington Adventure](#) by [Ruth Pelz](#)