



Northwest Regional Office

5th Grade Curriculum: Saving Salmon

Recruiting teachers, Overview, Pre-Visit, Teacher Evaluation and Vocabulary

Recruiting Teachers

NOAA's 5th grade Saving Salmon Curriculum aligns with:

- Science kits:
 - STC's Land and Water,
 - FOSS's Landforms kit
- Science/Environment (Salmon in the Classroom Unit)
- Social Studies
 - Historical and cultural significance of salmon
 - Geography (habitat and range of 2 species of salmon)
 - Management and Policy (which laws protect salmon and how are they enforced?)
 - Economics (Stakeholders and how different levels of government regulate impacts)
 - Government (three branches of government)
 - Civics (rights and responsibility of citizens)
 - Designed for **Civics Classroom Based Assessment: You Decide**

Curriculum Overview

Lesson	Topic	Type of Activity	Length of Time	Materials Needed	Assessment
1	Salmon Needs and Historical Perspective	Brainstorm and research	50-60 min.	1 worksheet: <ul style="list-style-type: none"> • Salmon habitat needs and History 	Research worksheets Classroom participation See rubric
2	Geography, Habitat, and Government	Brainstorm and research	50-60 min.	1 worksheet: <ul style="list-style-type: none"> • Geography and Do salmon know borders? 	Research worksheets Classroom participation See rubric
3	Management and Policy	Brainstorm and research	50-60 min.	1 worksheet: <ul style="list-style-type: none"> • Management and Policy 	Research worksheets Classroom participation See rubric
4	Economics and Stakeholders	Brainstorm and research	50-60 min.	1 worksheet: <ul style="list-style-type: none"> • Economics and Government 	Research worksheets Classroom participation See rubric
5	Civics, Rights and Responsibility NOAA representative	NOAA representative class visit	50-60 min.	1 worksheet: <ul style="list-style-type: none"> • Civics: Salmon Friendly Choices and CBA preparation and optional activities 	Research worksheets Classroom participation See rubric
6	CBA	Graphic Organizer Persuasive Paper or presentation	Teacher dependent	http://www.k12.wa.us/assessment/WASL/SocialStudies/BridgingDocuments/Elem08/ElemCivics-YouDecide-CBA.pdf	CBA: You Decide

To arrange a guest speaker contact nwr.education@noaa.gov



Northwest Regional Office
 5th Grade Curriculum: Saving Salmon
 Teacher Feedback and Curriculum Evaluation

Classroom Background Information					
Teacher's Name:	NOAA representative:				
School:	Visit Date:				
Grade level:					
Teacher Evaluation	Strongly disagree.....Strongly agree				
	1	2	3	4	5
Lessons 1-5: Was there enough background information?	1	2	3	4	5
Was the information age-appropriate?	1	2	3	4	5
Was the purpose clear?	1	2	3	4	5
Were the instructions for the lessons easy to follow?	1	2	3	4	5
Were the worksheets appropriate?	1	2	3	4	5
Were students successful using the websites?	1	2	3	4	5
Was the time estimated for each lesson accurate?	1	2	3	4	5
Did students enjoy the curriculum?	1	2	3	4	5
Would you teach it again?	1	2	3	4	5
Anything else you would like to tell us?					
NOAA Representative:					
Was the guest timely in preparation, delivery, and cleaning up?	1	2	3	4	5
Was the guest easy to understand/follow?	1	2	3	4	5
Was the guest's time valuable to the success of the curriculum?	1	2	3	4	5
Anything else you would like to tell us?					

Please send to:
 NOAA Fisheries, c/o Peggy Foreman, 7600 Sand Pointe Way NE, Bld.1, Seattle, WA 98115

5th grade Vocabulary

Science kit: Land and Water/Landforms vocabulary			
<u>LANDFORMS</u> alluvial fan banks canyon cliffs creek delta divide drainage basin floodplain gullies landscape mountains/hills plains plateaus river rivulets springs stream channel tributaries valley	aerial view barren energy ground cover ground water head waters/source load models mouth oxbow soil conservation solution surface water variable watershed stream table glaciers geologist hydrologist	<u>SOIL PROPERTIES</u> clay gravel humus sand sediment silt soil pore space inorganic organic <u>WATER CYCLE</u> clouds condensation evaporation fresh water precipitation water vapor	converge erosion flow meander runoff sedimentation suspension undercutting velocity weathering <u>WATER QUALITY</u> flow pH dissolved oxygen nitrate phosphates fecal coliform macroinvertebrates
Social Studies: History vocabulary			
history primary source secondary source document symbol landmark political group cultural group political change cultural change colony	nation voluntary involuntary immigration indentured servant slavery slave trade expansion cause effect settler	reservation sovereignty land consent assumption sovereign power transferable land acquisition conflict society treaty	technology technological advances American Indian Western Movement Industrial Revolution significant inhabitant contributions influences
Social Studies: Geography vocabulary			
geography longitude latitude globes graphs charts	parallel climate databases models regions natural resources natural forces	political map physical map topographic map province urbanization	physical feature human feature cartographer historical map
Social Studies: Economics vocabulary			
raw material company export economics economy profit cash crop natural resource	import debtor budget deficit commerce supply demand capital	conservation tariff taxation monopoly barter embargo boycott	division of labor interest trade-off entrepreneur free enterprise economic growth economic policies

Social Studies: Civics and Government vocabulary

<p>government local government state government federal government tribal government laws legislator commissioner council member chairman U.S. Representative</p>	<p>Articles of Confederation Constitution of the United States Bill of Rights President of the United States Vice President of the United States Declaration of Independence</p>	<p>common good supremacy of federal law legislative branch executive branch judicial branch civic participation citizen citizenship human rights responsibilities</p>	<p>popular consent individual respect equality of opportunity personal liberty democratic republic direct democracy representative democracy individual freedoms personal U.S. Senator</p>
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