



Our curriculums support the Next Generation Science Standards

Forests and Fins

Forests and Fins examines what factors create a healthy salmon habitat by engaging students with a variety of hands-on stream monitoring techniques.

Performance Expectations		
Students who demonstrate understanding can:		
<p>MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms. [Clarification Statement: Examples of local environmental conditions could include availability of food, light, space, and water. Examples of genetic factors could include large breed cattle and species of grass affecting growth of organisms. Examples of evidence could include drought decreasing plant growth, fertilizer increasing plant growth, different varieties of plant seeds growing at different rates in different conditions, and fish growing larger in large ponds than they do in small ponds.]</p> <p>MS-LS2-1. Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem. [Clarification Statement: Emphasis is on cause and effect relationships between resources and growth and individual organisms and the numbers of organisms in ecosystems during periods of abundant and scarce resources.]</p>		
Science and Engineering Practices	Disciplinary Core Ideas	Crosscutting Concepts
<ul style="list-style-type: none"> Asking Questions and Defining Problems Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data Using Mathematics and Computational Thinking Constructing Explanations and Designing Solutions Engaging in Argument from Evidence Obtaining, Evaluating, and Communicating Information 	<ul style="list-style-type: none"> LS1.B: Growth and Development of Organisms LS2.A: Interdependent Relationships in Ecosystems 	<ul style="list-style-type: none"> Patterns Cause and Effect Scale, Proportion and Quantity Systems and System Models Energy and Matter Structure and Function Stability and Change

CONTACT US

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