

## Fall at The Outdoor Classroom

### “Salmon in the Ecosystem”

On the banks of the Maxwellton Creek students will learn how to preserve and care for the salmon habitat through a First Peoples storytelling. Under the forest canopy students will experience how spawning salmon use their sense of smell to migrate back to their home stream ensuring that their cycle of life continues. On a trail transformed into a watershed students will become salmon in different stages of their life and travel from their birth place in the stream, to the shelter of a lake, to their place of transition an estuary, on to the open ocean where they grow and develop, and back to their natal stream. Students in grades K-2 will make life cycle bracelets to take home and use to share the salmon story. Students in grades 3-6 will create three dimensional salmon models that illustrate the structures and functions of salmon they will take home and use to share the incredible adaptations and journey of our beloved salmon.

- **Salmon Life Cycle Creative Dramatics.** LS1.B: From Molecules to Organisms: Structures and Processes: Growth and Development of Organisms: Reproduction is essential to continued existence of every kind of organism. Plants and animals have unique and diverse life cycles.
- **Scents & Smells and Salmon Migration.** LS1.D: From Molecules to Organisms: Structures and Processes: Information Processing: Different sense receptors are specialized for particular kinds of information, which may be then processed by the animal's brain. Animals are able to use their perceptions and memories to guide their actions.
- **The Salmon People Storytelling:** LS2.C: Ecosystems: Interactions, Energy, and Dynamics: Ecosystems Dynamics, Functioning and Resilience: When the environment changes in ways that affect a place's physical characteristics, temperature, or availability of resources, some organisms survive and reproduce, others move to new locations, yet others move into the transformed environment, and some die. ESS3.C: Earth and Human Activity: Human Impacts on Earth Systems: Human activities in agriculture, industry, and everyday life have had major effects on the land, vegetation, streams, ocean, air, and even outer space. But individuals and communities are doing things to help protect Earth.
- **Salmon Adaptation Art /Salmon Story Bracelet:** LS1.A: From Molecules to Organisms: Structures and Processes: Structures and Function: Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction. LS1.B: From Molecules to Organisms: Structures and Processes: Developing Possible Solutions: Develop models to describe that organisms have unique and diverse life cycles but all have in common, growth, reproduction, and death.