Education Outreach
ACTIVITY SHEET

Valley Water

PRESENTATION FORMAT
On-Site (in-class or outside)

MATERIALS NEEDED
Provided by Valley Water

GRADE LEVELS
3rd to 5th

DURATION
45 to 60 minutes

NEXT GENERATION SCIENCE STANDARDS ALIGNMENT

Disciplinary Core Idea
- LS1.B: Growth and Development of Organisms

Crosscutting Concept
- Cause and effect

Science and Engineering Practice
- Developing and Using Models

COMMON CORE STATE STANDARDS ALIGNMENT
CCSS.ELA-Literacy.SL.3.1

ACTIVITY NAME:

Steelhead Survival

FOCUS QUESTION:

How do organisms grow and develop?

BACKGROUND

Steelhead trout are an important part of our ecosystem, and play a role in the health of our local waterways. But how does a steelhead go from a tiny egg in a fresh water stream to a salt water fish, and what obstacles does it face along the way? Students take a deeper dive into the life cycle of steelhead as well as the many hurdles they face on their path to spawning.

ACTIVITY

Steelhead Survival is an interactive game that shows students the many different obstacles that steelhead trout face as they migrate from the ocean to their spawning ground. After an overview of the steelhead lifecycle, students will role-play being trout as they make the perilous journey from the ocean to the creek. The activity ends with a discussion about the importance of protecting our water systems for all plants and animals.

QUESTIONS?

Email *education@valleywater.org*
Website: *www.valleywater.org/learning-center/teachers-students*