**Salmon Watch Pre-Assessment**

Hello! You are our next generation of environmental caregivers. We are excited for you to come on a field trip with us and learn about salmon and river ecosystems. Before you do, we are curious about you and your experiences with nature! Please fill out this survey as best you can. Thank you for your time!

# 

# **General Information**

1. **School** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Teacher’s Last Name (e.g. Smith)**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Grade Level:**

* Elementary School (1st - 5th)
* Middle School (6th - 8th)
* High School (9th -12th)

# **About You!**

# These questions will help us learn more about the students that are participating in Salmon Watch.

1. **What types of things do you like to do outside?**

* Playing sports
* Hiking
* Laying in my yard or at the park
* Picnics
* Swimming
* Walking around my neighborhood
* Art
* Camping
* Biking
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Other)

1. **What is one thing you hope to learn on your Salmon Watch trip?**

|  |
| --- |

**Sustainability:**

For each of the following questions 6-9, choose the answer that best represents how you feel.

|  | **Strongly Disagree** | **Disagree** | **Agree** | **Strongly Agree** |
| --- | --- | --- | --- | --- |
| 1. **I believe that I belong and that my voice matters when talking about protecting the environment.** |  |  |  |  |
| 1. **I know specific things I can do to help the environment.** |  |  |  |  |
| 1. **I want to take actions that help the environment.** |  |  |  |  |
| 1. **I enjoy science classes and would be interested in pursuing science as a career.** |  |  |  |  |

**Salmon Background Information:**

For the following questions, choose the answer only if you think you know it. If you don't know it, leave it blank.

1. **Which of the following topics do you already have a solid understanding of?**

If you are unsure or don't think you know about the topics please select none of the above.

* Riparian Zone
* Macroinvertebrates
* Salmon Biology
* Water Quality
* None of the above

1. **Healthy Riparian Zones do which of the following?**

You may choose more than one answer.

* Increase erosion
* Provide shade for wildlife and fish
* Filter water
* Increase water pollution
* Provide food
* Slow the flow of water

1. **Which of the following reasons best explains the significance of macroinvertebrates?**

You may choose more than one answer.

* + Provide food for fish including juvenile salmon.
  + Provide information on the health of the water.
  + Change river habitat with their behavior and life cycle.
  + Make nutrients available for aquatic organisms.
  + Are only found in waters where salmon live.

1. **Which of the following is true about salmon**

You may choose more than one answer.

* Female salmon lay eggs in redd
* Salmon die once they have spawned
* Adult salmon live in the ocean
* Juvenile salmon migrate down streams
* Some salmon spend their entire life in freshwater
* Salmon only live in the Pacific Northwest

1. **Which of the following ways is water quality measure?**

You may choose more than one answer.

* Water temperature
* Dissolved oxygen levels
* Turbidity
* Macroinvertebrate populations
* Water speed and flow
* pH levels
* Mud levels