

# BLUE HERON SCHOOL

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Phone: (360) 379-4540

Greetings Blue Heron Science students and parents! I'm very excited to be teaching more Science again this year, and I'm looking forward to an engaging year filled with hands-on experiments and group work.

## **Course Description/Course Outline/Resources**

This will be our second year with our new Science curriculum - IQWST([activatelearning.com/iqwst/](http://activatelearning.com/iqwst/))  
Last year we didn't get through most of the modules, so it will be a learning experience for all of us!

## **Place Based projects**

### Protecting Northwest Waters

**Essential question:** What can I do to increase the salmon population in Salmon and Snow Creek?

**Community Partners:** North Olympic Salmon Coalition; Jefferson Healthcare; Jefferson Land Trust; Jefferson County Conservation District; NOAA Ocean Guardians

**Time Frame:** TBD

**Project Overview:** Students will work on restoring a local salmon habitat, and understanding the important reasons and elements of a restoration project.

### Maritime Discovery Project

**Essential question:** How can students connect themselves and Port Townsend with maritime history, issues, skills, and opportunities?

**Community Partners:** Northwest Maritime Center, Mountain View Pool; Jefferson County Museum; The Recyclery; PTEF; A multitude of local volunteers.

**Time Frame:** TBD

**Project Overview:** All 7th graders will be involved in the Maritime Discovery Program, build trust with each other as effective team members to achieve goals all within a maritime context, including rowing, sailing, boatbuilding, and much more!

### Cicmehan Trail experience

**Essential question:** How did the native american population in general, and Cicmehan specifically, interact and influence the life of early Port Townsend residents

**Community Partners:** Northwest Maritime Center, Jamestown S'kallam Tribe; Jefferson County Museum

**Time Frame:** TBD

**Project Overview:** Students learn important local history through a modern lens, and connect it to our school, community, and national culture.

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## **Work Completion/Work Habits**

Homework will be kept to a minimum – unfinished classwork and home-based tasks should never take more than 15 minutes per night. If your child is absent, any homework will be waiting in class for them the next day.

## **Office hours:**

Tuesday/Thursday from 3-4pm, and by appointment, email me to schedule a time! (jwaibel@ptschools.org)

## **Grading**

Individual and group projects, presentations, and assignments, will be considered in the grading process. Grades will be in the normal A-F range as noted in the Student Planner.

Please schedule vacations carefully to minimize interruptions to the learning process.

## **Science Standards**

**MS-LS1-1.** Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells.

**MS-LS1-2.** Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.

**MS-LS1-3.** Use arguments supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.

**MS-LS1-7.** Develop a model to describe how food is rearranged through chemical reactions forming new molecules that support growth and/or release energy as this matter moves through an organism.

**MS-LS1-8.** Gather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.

## **Expectations for Success**

Students are expected to be on time with the necessary supplies, and participate appropriately with classmates and the teacher and behave in a way that allows all students to learn.

## **Cell Phones**

Phones and electronic devices must be silenced and placed out of view in this class. Note to Parents: Please contact your child by calling the office and not call or text the student's cell phone. The Blue Heron Handbook has complete details on the phone policy.

Feel free to email me if you have any questions or concerns!  
Jef Waibel