

Malama Wai Ola Program

Ocean Creature Adaptations Grades 2-4

- Students will be given a pretest at the beginning of the classroom visit and a posttest will be given after the last visit to be completed in class or as homework and returned to us.
- Lessons one and two will be performed during one class visit.
- No more than 30 students may participate.

Lesson One: A Power Point presentation introducing instructors, the Malama Wai Ola program, and defining adaptations. The presentation will also cover adaptations that tide pool creatures have.

Lesson Two: After the power point presentation, we will take a closer look at tide pool animals that the instructors collected and will bring into class. While taking a closer look the students will complete a draw what you see worksheet examining body shape, size, mouth placement and other adaptations.

Hualalai Site Visit

During a fish feeding, students will make observations on all the different body shapes and other characteristics of the fish in King's Pond. While observing the body shapes, the students will answer questions prompted by the instructor. We will also observe our black tip reef sharks and how they move and eat. If time permits each student will get to choose a prey item card (a picture and description of an animal). Using this card, their imagination, and what they can remember from the visit the students will create a predator with special adaptations for capturing and eating the prey that they've chosen. Once they've finished drawing their predator, we will give a few students a chance to share what they've created.

Hawaii Content & Performance Standards III

The standards bellow are the benchmarks that this lesson will hit within HCPS III

Second Grade

- SC.2.1.1
- SC.2.1.2
- SC.2.3.1
- SC.2.4.1
- SC.2.5.1

Third Grade

- SC.3.1.1
- SC.3.1.2
- SC.3.3.1

- SC.3.4.1
- SC.3.5.1

Fourth Grade

- SC.4.1.1
- SC.4.1.2
- SC.4.3.2
- SC.4.5.2
- SC.4.5.3