



Curious Cephalopods Lab

Virtual and Onsite Experience

Goal: Increase in knowledge of the structure and function of highly specialized group of marine invertebrates.

Objective: Examine the adaptations of the marine organism class of Cephalopoda through experimentation and observation.

Rotation Timing

Introduction – 5 minutes

Stations – 50 minutes

Conclusion – 5 minutes

*Please note all times are approximate

The program design of the ***Curious Cephalopods Lab*** will introduce students to scientific principles, investigative techniques, and unique marine organisms. The students will be engaged with hands-on, inquiry-based activities that will address key concepts, such as anatomical structures and functions and adaptations. Our instructors will facilitate each station's content through the 5 E's framework. The stations are connected to Next Generation Science Standards for 3rd through 5th Grade.

Activity Station Overview

Squid Dissection

Students will observe and participate in the dissection of a California Market Squid. They will understand the functions of the internal and external anatomy of the animal.

Octopus Anatomy

Students will examine the anatomy of a preserved octopus. They will identify key structures and determine the function of each.

Cephalopod Adaptations

Student will compare and categorize cephalopod adaptations. They will determine the role each adaptation plays in the survival of these amazing organisms.