



TALCOTT MOUNTAIN SCIENCE CENTER & ACADEMY

Homeschool Program

Topic	Marine Science
Instructor	Dr. Zacharczenko
Date	April 25, 2025

Here's some information about the activities your student did with us. Links at the bottom will help you explore further. Thanks!

What did we do?

- Squid anatomy lesson
- Soda bottle squid model
- Squid dissection

How did we do it?

- Soda bottle squid model - bottles were pre-prepared by the teacher (bottoms cut off, holes in cap with string, and spray painted black). Students used small brushes to decorate their squid with dots - representing the chromatophores that squid use for changing colors. They added fins, arms, tentacles, eyes, and a siphon.
- Squid dissection - frozen squid from the grocery store were thawed, and we reviewed anatomy as students progressed through a series of challenges. They had to remove the pen, lens from the eye, the beak, the ink sac, and determine if their squid was male or female.

Where can we find out more?

- <https://ocean.si.edu/ocean-life/invertebrates/how-octopuses-and-squids-change-color> all about how squid and their relatives change color