



# TALCOTT MOUNTAIN

## SCIENCE CENTER & ACADEMY

### Homeschool Program

<b>Topic</b>	Marine Science
<b>Instructor</b>	Dr. Zacharczenko
<b>Date</b>	May 2, 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?

- Lesson about Long Island Sound history
- Glaciation activity
- Watershed and habitats lesson
- Shell sorting
- Mollusca lesson

#### How did we do it?

- Glaciation activity: we pretended to be a glacier! As a class everyone balled up some scrap paper to make "boulders". We went outside and lined up, dropping some of the boulders. Students slowly shuffled forward, kicking some boulders and carrying others. They were told to stop - and the boulders in front of them represented the terminal moraine, which is Long Island. As the students then retreated (glacier melting), they dropped some boulders. At one point they all stopped together and dropped the rest of their boulders, creating the moraine at the coastline of Connecticut.
- Shell sorting: students were tasked with identifying shells from Connecticut beaches, and sorting them to species.

#### Where can we find out more?

- <https://www.amazon.com/Field-Guide-Long-Island-Sound/dp/0300220359>  
Book recommendation: A field guide to Long Island Sound
- <https://flexbooks.ck12.org/cbook/ck-12-advanced-biology/section/15.19/primary/lesson/mollusk-classification-advanced-bio-adv/> Some basics about Mollusca