

Oceans Unit Study



Weekly Rotation

Monday: Technology (AM); Swimming @ YMCA (PM)

Tuesday: Science (AM)

Wednesday: Science (AM); Poetry Teatime (PM)

Thursday: Art

Friday: Library

Week 1 (Introduction)

Read-Aloud Book List

- *Oceans* (Simon)
- *Hello Ocean* (Ryan)
- *The Ocean Alphabet Book* (Pallotta)
- *The Pout-Pout Fish* (Diesen)
- *The Pout-Pout Fish in the Big-Big Dark* (Diesen)

Monday: Create "Our Questions" Anchor Chart

Tuesday: Magic School Bus Season 4, Episode 2 "Magic School Bus Goes to Mussel Beach"

Wednesday: Magic School Bus Season 4, Episode 11 "Magic School Bus Takes a Dive"

Thursday: Chalk Pastels *Art at the Beach* "All Blue Under the Sea" (p. 22)

Friday: Library

Week 2 (How the Ocean Works)

Read-Aloud Book List

- *Oceans* (Simon)
- *NGK: Water* (Stewart)
- *Our Earth* (Rockwell)
- *Water Dance* (Locker)
- *A Drop of Water* (Wick)

Monday: Ted-Ed, *Where Did Earth's Water Come From?*/ One World One Ocean, *Why We Need the Ocean*

Tuesday: Why is the Ocean Salty?

Wednesday: More Land or More Water?

Thursday: Chalk Pastels *Art at the Beach* "Jellyfish" (p. 15)

Friday: Library

Week 3 (Navigating the Ocean)

Read-Aloud Book List

- *Oceans* (Simon)
- *The Secret of Black Rock* (Stanton)
- *Heroes of the Surf* (Carbone)
- *NGK: Titanic* (Stewart)
- *Floating and Sailing* (Jennings)

Monday: Crash Course Kids #24.1 *The Great Aqua Adventure*/ Ted-Ed, *Making Waves*

Tuesday: Floating Egg Experiment

Wednesday: Building Clay Boats

Thursday: Chalk Pastels Art *at the Beach "Sea Turtle"* (pp. 28-29)

Friday: Library

Week 4 (Studying the Ocean)

Read-Aloud Book List

- *Chasing Science at Sea* (Prager)
- *Manfish* (Berne)
- *Shark Lady* (Keating)
- *Marine Biologists* (Owen)- Interlibrary Loan
- *Life in the Ocean* (Nivola)- Interlibrary Loan
- *Follow the Moon Home* (Cousteau)

Monday: Mote Marine Lab, *Dr. Eugenie Clark on Mote*/ Best Job Ever, *Sylvia Earle*

Tuesday: Evaporating Water

Wednesday: Modeling Waves

Thursday: Create background for a magazine cut-out with watercolor pencil

Friday: Library

Week 5 (Coral Reefs)

Read-Aloud Book List

- *Amazing Animals: Sea Turtles* (Riggs)
- *Coral Reef Hideaway* (Boyle)
- *Jump Into Science: Coral Reefs* (Earle)
- *Over in the Ocean In a Coral Reef* (Berkes)
- *Octopus Alone* (Srinivasan)

Monday: Seeker, *What Are Coral Reefs and What Are Their Purpose?*

Tuesday: Model Coral Polyp

Wednesday: Cartesian Diver

Thursday: Chalk Pastels *Art at the Beach* "Seahorse" (pp. 32-33)

Friday: Library

Week 6 (Open Oceans)

Read-Aloud Book List

- *Wild Kratts: Sharks, Whales, and Dolphins!* (Kratt)
- *NGK: Dolphins* (Stewart)
- *Amazing Whales!* (Thomson)
- *Hungry, Hungry Sharks!* (Cole)
- *The Snail and the Whale* (Donaldson)

Monday: Ted –Ed, *Why Are Blue Whales So Enormous?*

Tuesday: How Big is a Blue Whale?

Wednesday: Homemade Submarine

Thursday: Chalk Pastels *Sharks* "Great Hammerhead" (p. 17)

Friday: Library

Week 7 (Ocean Zones)

Read-Aloud Book List

- *Oceans* (Simon)
- *Magic School Bus On the Ocean Floor* (Cole) - Library
- *Way Down Deep: Strange Ocean Creatures* (Demuth)- Interlibrary Loan
- *NGK: Weird Sea Creatures* (Marsh)
- *NGK: Manatees* (Marsh)

Monday: Crash Course Kids #30.2 *The Life Hydrologic*

Tuesday: Ocean Zones in a Jar

Wednesday: Ocean Zones Paint Chip Craft

Thursday: Chalk Pastels *Sharks 2* "Sharks of the Deep" (p. 11)

Friday: Library

Week 8 (Shorelines)

Read-Aloud Book List

- *The Seashore Book* (Zolotow)
- *Out of the Ocean* (Frasier)
- *What Lives in a Shell?* (Zoehfeld)
- *Jump Into Science: Sand* (Prager)
- *Flotsam* (Wiesner)

Monday: Ted-Ed, *The Survival of the Sea Turtle*

Tuesday: Building with Sand Dough

Wednesday: Shell compare & contrast (Venn Diagram)

Thursday: Chalk Pastels *Art at the Beach* "Crab Acrylic" (pp. 34-35)

Friday: Library

Week 9 (Wrap-Up + Conservation)

Read-Aloud Book List

- *Seal Pup Grows Up* (Zoehfeld)
- *Oil Spill* (Berger)
- *Lifesize Ocean* (Ganeri)- Interlibrary Loan
- Library
- Library

Monday: National Geographic Kids Short Film, *Kids Clean Up the Oceans*

Tuesday: Research & Share

Wednesday: Research & Share

Thursday: Chalk Pastels *Art at the Beach* "A Path to the Beach" (p. 9)

Friday: Library

Family Movies

- *Moana*
- *Ponyo*
- *Dolphin Tale*
- *Song of the Sea*
- *The Little Mermaid*
- *Finding Nemo*
- *Finding Dory*

Netflix Shows

- Octonauts
- Magic School Bus
- Bill Nye the Science Guy
- Blue Planet