

SUMMER

OCEAN ADVENTURES

A S.T.E.A.M. Powered Summer Program

Week 1 - June 30 - July 3

HAWAIIAN ROLLER COASTER RIDE

This summer, we will learn about life in Hawaii's waters. We still start the week with aloha spirit as we celebrate sand, surf, music, food, dance, and art. We will have a parade on July 3 and make 4th of July crafts.

Week 2 - July 7 - July 11

TERRIFIC TIDE POOLS OF HAWAII

Hawaii is home to many tide pools. Join us as this week as we learn about what a tide pool is, where to find one, and identify the marine animals that live there. We will read, *Tide Pool Island* by Emily Siapol and follow Sailor's adventures in the tidepools of Kaua'i.

Week 3 - July 14 - July 18

OCEAN IN MOTION

The waters of Hawaii are a bustling world filled with sea animals going about their way. This week, we will learn about the diverse life in the coral reefs of Hawaii. We will learn about locomotion and search for the spotted moray eels and parrotfish. We will create t-shirts.

Week 4 - July 21 - July 25

UNDER THE SEA

This week, we will travel to Maui, Moloka'i, Lāna'i, and Kaho'olawe and head on to the "open ocean" or pelagic zone. We will learn about life under the sea and learn about Penguin Bank where the Humpback whales reside. We will create a whale craft.

Week 5 - July 28 - August 1

THE INVISIBLE WORLD

Billions of invisible tiny plant-like organisms live in the ocean. This week, we will take a closer look at the invisible world of planktons and their role in the ocean's ecosystem. We will look for manta rays in the Big Island and learn how Kilauea's lava help in phytoplankton growth.

Week 6 - August 4 - August 8

ENCHANTING UNDERWATER FOREST

What makes the ocean glow? This week we will illuminate our little ones on the science of bioluminescence and marvel at this phenomenon. We will learn about animals like the Hawaiian Bobtail squid, jellyfish, corals, crustaceans, worms, sea stars, fish, and sharks.

Week 7 - August 11 - August 15

SEARCHING FOR THE STARS

In Hawaii, you might not find sea stars basking in the sun, but you may spot an arm or two peeking out of the sand. This week we will learn about these tiny creatures with BIG muscles! Sea stars are the stars of the sea for their role in the ocean's ecosystem as keystone species. We will learn about the cushion sea stars and other sea stars found in O'ahu's North Shore.

Week 8 - August 18 - August 22

ALOHA 'OE - LAST WEEK OF SUMMER & LUAU

We will finish off the last week of our summer program learning about one of Hawaii's protected animals - the honu or the Hawaiian green sea turtles. At the end of the week, we will have a potluck lunch and a luau for everyone to enjoy!