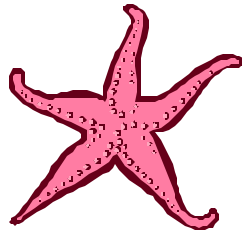


Lesson Plan

Grade 1

Tide Pool Discovery



HCPS

Benchmarks SC.K.1.1 and SC1.1.2



Created by Maui Digital Bus

Discovery Pool Exploration

Topic

Scientific Inquiry

Benchmark SC.K.1.1

Use the senses to make observations

Benchmark SC.1.1.2

Explain the results of an investigation to an audience using simple data organizers (e.g., charts, graphs, pictures)

SUMMARY / OBJECTIVES: Students will visit the Discovery Pool, where they will use their senses to learn about different tide pool species.

FOCUS AREA: making observations

DURATION: 1 hour.

MATERIALS: Discovery Pool Exploration worksheet, clipboards, pencils



BACKGROUND

Tide pools are rocky areas on the edge of an ocean that are filled with sea water. Many plants and creatures live there. For example, you might see starfish, anemones, urchins, barnacles, crabs, kelp and other sea plants in a tide pool. Tide pools are a unique and brutal habitat where the ocean meets the land. This tidal zone is continually shaped by the actions of sun, wind, water, and rock. The sun bears down, heating exposed surfaces and organisms. Winds blow and contribute to the wave action, erosion, and drying of exposed plants and animals. Water in the form of waves endlessly pound at the rocks, constantly reshaping the coastline. Rocks are pounded by the waves and loose stones and sand grind into the shoreline.

Life is tough for plants and animals that live in tide pools. Here portions of the shoreline are regularly covered and uncovered by the advance and retreat of the tides. In order to survive, tide pool life forms must avoid being washed away by the tidal waves, keep from drying out in the sunlight of low tide, and avoid being eaten.

ACTIVITY

The students will touch different species, describe how each one feels, and what they look like in words. They will then draw the species which they have touched.

ASSESSMENT: Completed worksheets in which they draw and describe different tide pool animals.

EXTENSIONS: Draw and describe fish from other exhibits within the Ocean Center. Compare and contrast the different species based on how they look and how they feel.



REFERENCES:

42 Explore

<http://42explore.com/tidepool.htm>

Draw 3 different animals you see in the tide pool.

Animal Name

Write what it looks and feels like.

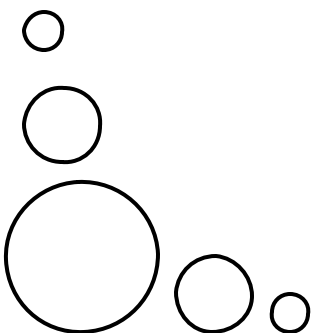
Draw a picture of your animal.



Animal Name

Write what it looks and feels like.

Draw a picture of your animal.





Animal Name

Write what it looks and feels like.

Draw a picture of your animal.

