

Week 6 SERIES 1500

LEARNING GOALS

- Describe people, places, things (nouns), and actions (verbs)
- Investigate characteristics of the Seagrass habitat in the ocean
- Build, represent, name and describe cylinders, cones, and rectangular prisms
- Advance hand-eye coordination and cognitive skills using music with various temps
- Observe and understand different densities
- Create sentences, expressive language
- Show eagerness to learn about and discuss new topics, ideas, and tasks
- Locate and name the major oceans (Arctic, Atlantic, Pacific, and Indian, Southern)
- Explore and investigate using sensory activities

DAILY SCHEDULE

Morning Routine

(Brush teeth, get dressed, breakfast)

Curriculum Activity

Snack

Independent Play

Brain Waves

Lunch

Quiet Time

Curriculum Activity

Outdoor Play

Evening Routine

MATERIALS NEEDED

- | | |
|--|------------------------------|
| • lined paper | • vegetable or baby oil |
| • internet access | • blue food coloring |
| • markers | • funnel (optional) |
| • crayons | • water |
| • glue, tape | • clear cups (4) |
| • pencils | • construction paper |
| • objects to represent shapes
(cone, cylinder, prism) | • grass |
| • index cards | • salt |
| • balloons | • sugar |
| • music | • baking soda |
| • globe (optional) | • eggs |
| • scissors (child-sized) | • small plastic items |
| • recyclable materials (tubes,
cardboard, etc.) | • nut butter or cream cheese |
| • jar/water bottle | • rice cakes or bread |
| | • raisins |
| | • bananas (2) |

CURRICULUM SCHEDULE

MONDAY

Language/Literacy: *Sally the Sea Angel*

Creative Exploration: *Seagrass Bed in the Ocean*

STEAM Ahead: *Ocean Waves in a Bottle*

TUESDAY

Math: *Name That Prism*

Music/Movement: *Balloon Dance*

STEAM Ahead: *Ocean Waves in a Bottle*

WEDNESDAY

Science: *Saltwater Sink or Float Experiment*

Cognitive Exploration: *My Day as a Bottlenose Whale*

STEAM Ahead: *Ocean Waves in a Bottle*

THURSDAY

Language/Literacy: *The Five Oceans Song*

Dramatic Play: *I Can Be a Marine Biologist*

STEAM Ahead: *Ocean Waves in a Bottle*

FRIDAY

Social Studies: *Life in the Ocean*

Sensory: *Edible Fish*

STEAM Ahead: *Ocean Waves in a Bottle*

Language/Literacy

Sally the Sea Angel

Learning Goal: Describe people, places, things (nouns), and actions (verbs)

Materials: paper, pencil, internet access, website:
<https://www.australiangeographic.com.au/blogs/creatura-blog/2020/02/sea-angels-are-mind-bogglingly-weird/>

Preparation: On a piece of paper, write some fill in sentences about Sally the Sea Angel (ex. Sally the Sea Angel (verb) in the (noun)).

Instructions:

1. Open the website and help your child learn about the sea angels that live in the ocean.
2. Discuss the oceans and which one the sea angel lives in.
3. Review what nouns and verbs are.
4. Read the sentences aloud and ask your child to fill in a verb and noun in each sentence.
5. Write the words on the lines.
6. Read the sentences out loud.



ocean.si.edu

Creative Exploration

Seagrass Bed in the Ocean

Learning Goal: Investigate characteristics of the Seagrass habitat in the ocean

Materials: construction paper, crayons, grass from outside your home (**be sure to avoid any poisonous plants**), glue, internet access, website:
<https://oceana.org/marine-life/marine-science-and-ecosystems/seagrass-bed>

Preparation: Gather grass from outside and prepare other materials.

Instructions:

1. Open the website and allow your child to learn about the Seagrass habitat in the ocean.
2. Discuss the Seagrass habitat and what the characteristics are. What type of marine life live there?
3. Using the construction paper, glue, and grass you found outside, have your child make their own Seagrass habitat.
4. Have your child draw what fish and other marine life they think they might find there.



Oceana.org

Math

Name that Prism

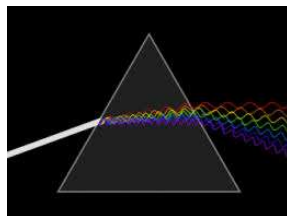
Learning Goal: Build, represent, name, and describe cylinders, cones, and rectangular prisms

Materials: cone-shaped objects, cylinder-shaped objects, index cards, marker, objects that are rectangular-shaped prisms

Preparation: On individual index cards, write “cone,” “cylinder,” and “rectangular prism.” Place all cone, cylinder, and rectangular prism objects in a pile near the gathering area. Put each index card on separate tables.

Instructions:

1. Engage students in a discussion about cones, cylinders, and rectangular prisms.
2. Explain to students a prism is three-dimensional geometric figure with ends that are identical, cones have a circular base and tapers to a point at the top, and cylinders have straight sides and circular ends of equal size
3. Show students an example of each shape. Encourage each volunteer to choose an item from the pile and identify its shape.
4. Continue activity until all objects are placed on the correct table.



en.wikipedia.org

Music/Movement

Balloon Dance

Learning Goal: Advance hand-eye coordination and cognitive skills using music with various temps

Materials: balloons, music

Preparation: Blow up balloons and create kid friendly music playlist for game.

Instructions:

1. Allow your child to choose a balloon and start music.
2. Have your child bounce the balloon in the air and move around while music is playing
3. When the music stops, your child will freeze and whoever is holding the balloon wins.
4. Continue to play using music with different tempos, beats, etc.



Science

Saltwater Sink or Float Experiment

Learning Goal: Observe and understand different densities

Materials: water, clear cups (4), sugar, salt, baking soda, eggs, small plastic items, pencil, paper

Preparation: Label each cup with ingredient name: baking soda, salt, sugar, and plain water. Add water to each cup.

Instructions:

1. Drop 2 T salt in first glass.
2. Drop 2 T sugar in second glass.
3. Drop 2 T baking soda in third glass. Leave fourth glass with plain water.
4. Have your child place different objects into each glass and see what happens. Encourage your child to record observation.
5. Have your child guess which items will sink or float.

Additional ingredients may be needed for heavier items.

When you add salt to water, it makes the water more dense.

This means it gets heavier.

Many objects that sink in fresh water will float in saltwater!



Cognitive Exploration

My Day as a Bottlenose Whale

Learning Goal: Create sentences, expressive language

Materials: lined paper, crayons, pencils

Preparation: Discuss whales, specifically Bottlenose (See additional resources)

Instructions:

1. Encourage your child to draw a picture of a Bottlenose whale and describe what a day as a whale would be like.
2. Ask questions like:
 - What type of food would you eat?
 - What type of friends would you have?
 - What ocean would you live in?
 - What makes you different from other whales and sea animals?



Language/Literacy

The Five Oceans Song

Learning Goal: Describe people, places, things, locations (nouns), and actions (verbs)

Materials: Teaching Tool – The Five Oceans Song (included in packet), optional: globe

Instructions: Review the sight word “has”. A sight word is a short word that is seen in text very often and young readers learn to read it by knowing it by heart. For the Five Oceans Song:

1. Talk about how a noun is a part of speech that means a person, place, or thing.
2. Give an example of things in the room. Have your child name other nouns in the room.
3. The word “ocean” is a noun that means a vast, or extremely large, body of water that covers most of the earth’s surface.
4. Earth’s watery surface is divided into five oceans. They are easy to remember with the letters P, A, I, A, S.
5. Songs are a useful tool for remembering information. Use “The Five Oceans” song to learn the names of Earth’s oceans.
6. Talk about ways to protect the earth’s oceans and its creatures.
7. If using a globe, locate and name the five oceans.
8. Have your child listen and look for the word “has” throughout the day.



Dramatic Play

I Can Be a Marine Biologist

Learning Goal: Show eagerness to learn about and discuss new topics, ideas, and tasks

Materials: construction paper, scissors (child-sized), tape/glue, recyclable materials for building (tubes, cardboard, etc.), Scuba Mask Teaching Tool (included in packet), optional: play camera, internet access, website: <https://www.youtube.com/watch?v=WIB9D9Ob-6M>

Preparation: Review the names of the five oceans.

Instructions:

1. Explain that marine biology is the study of living things in oceans and along the ocean shore. The scientists who have this kind of job are called Marine Biologists. They study everything they can about the ocean in order to learn more about how to protect it and the creatures who live there.
2. Use the video to see more details about what a marine biologist does.
3. Use the Scuba Mask Teaching Tool to create a scuba diving costume together. Help with cutting the difficult parts. Glue the paper cutout to construction paper to make it sturdy.
4. Can you find any household materials to make a scuba tank? How about some flippers?



Social Studies

Life in the Ocean

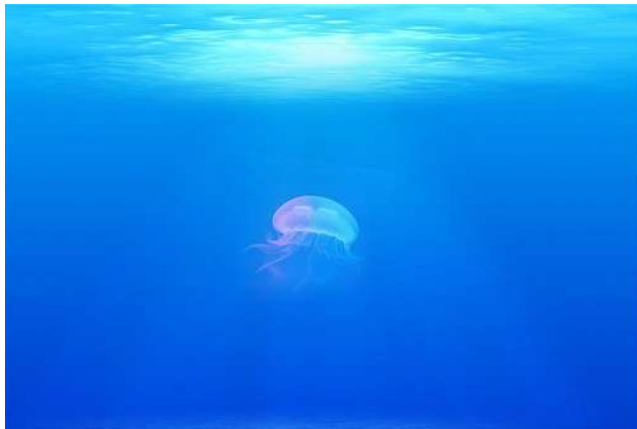
Learning Goal: Locate and name the major oceans (Arctic, Atlantic, Pacific, and Indian, Southern)

Materials: internet access, paper, crayons, pencils, website:
<https://www.mnn.com/family/family-activities/blogs/kid-friendly-ocean-websites>

Preparation: Visit the link above for information on oceans.

Instructions:

1. After reviewing ocean facts, encourage your child to write down the names of all five oceans.
2. Discuss what animals live in or around each ocean.
3. Have your child draw sea animals in their corresponding oceans.



Sensory Exploration

Edible Fish

Learning Goal: Explore and investigate using sensory activities

Materials: 2 bananas, rice cakes or bread cut into circles, nut butter or cream cheese, raisins (or other small fruit cut into circles)

Instructions:

1. Cut one of the rice cakes into quarters, then cut a small piece of the pointy end off (so it's curved a bit and will fit onto the whole rice cake better).
2. Frost a whole circle and triangle slice with spread.
3. Use a small amount of peanut butter to stick the triangle piece to one side of the whole rice cake.
4. Repeat with remaining three rice cakes.
5. Cut the banana into slices, then cut the slices in half so you have half circle shapes.
6. Arrange the banana slices onto the rice cake with the flat side facing the tail to look like scales.
7. Then cut a tiny triangle of banana from a leftover slice and place for the mouth. Add a raisin for an eye.



Ocean Waves in a Bottle

Objective for Development and Learning: Demonstrate knowledge of the characteristics of the ocean and what causes the waves

Rationale: Have you ever wondered what causes the ocean's waves? Ocean waves are created by energy moving through the ocean water. Most of the time, the energy comes from wind blowing on and disturbing the surface of the water. Other things cause ocean waves too. When you move the bottle, you are seeing energy move through the water to make waves.

Materials and Directions: • Mason jar or plastic water bottle • Vegetable oil or baby oil • Water • Blue food coloring • Funnel (optional)

1. First, watch this YouTube Video on five fascinating facts about waves: <https://www.youtube.com/watch?v=Kncax2ED5g>
2. Get your container and fill it halfway with water and add as much food coloring to achieve the color you want.
3. Fill the remainder of the container with the oil. Try to fill up as full as possible to reduce the amount of airspace that will be left after you screw the cap on.
4. Put the cap on tightly.
5. Gently shake your bottle back and forth and watch the wave action in your sea. Try to avoid shaking roughly.

Open-Ended Questions: ■ Have you ever seen waves in the ocean? Have you seen how they change in a storm? ■ Why do you think the waves get bigger in a storm? What other things do you think causes waves?

TEACHING TOOL: THE FIVE OCEANS SONG – Language and Literacy

Song “Five Oceans Cover the Earth” – Sung to the tune of “London Bridges Falling Down”

Five oceans cover the earth,
Cover the earth, cover the earth
Five oceans cover the earth,
We love our oceans!

The Pacific Ocean is large and deep,
Large and deep, large and deep,
The Pacific Ocean is large and deep,
We love our oceans!

The Atlantic Ocean is the next in size,
next in size, next in size,
The Atlantic Ocean is the next in size,
We love our oceans!

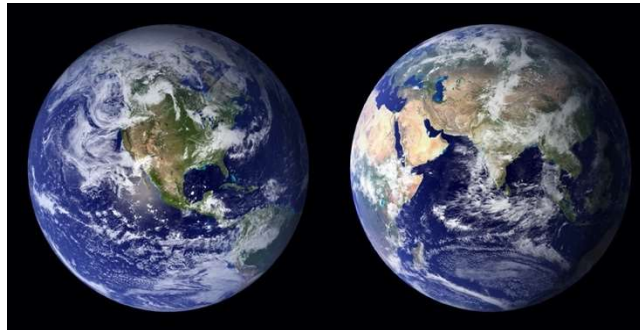
The Indian Ocean is good for humpback whales,
Humpback whales, humpback whales,

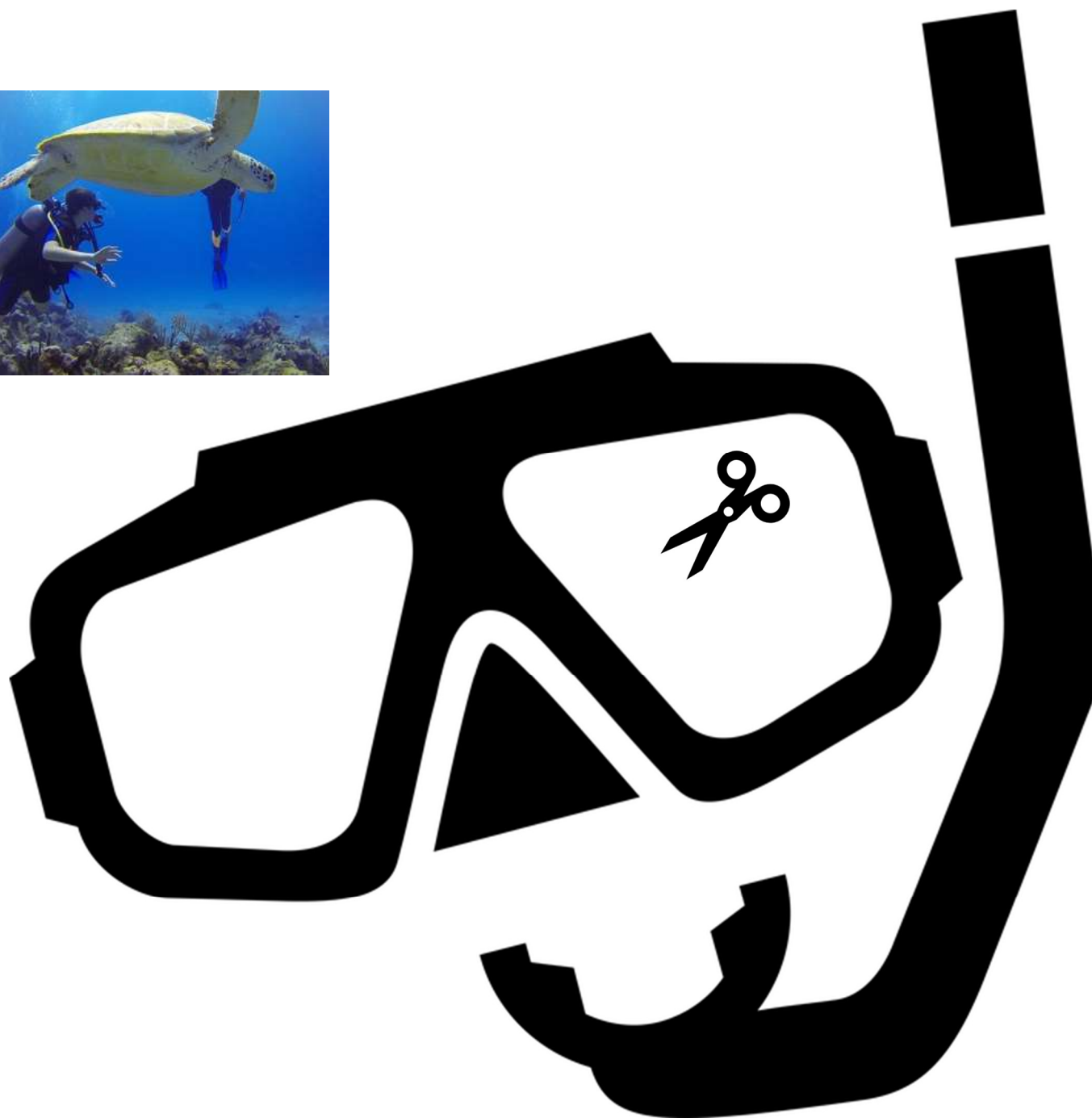
The Indian Ocean is good for humpback whales,
We love our oceans!

The Arctic has ice for polar bears,
Polar bears, polar bears.
The Arctic has ice for polar bears,
We love our oceans!

The Southern Ocean is the smallest one,
Smallest one, smallest one,
The Southern Ocean is the smallest one.
We love our oceans!

Five Oceans cover our Earth –
Pacific! Atlantic! Indian! Arctic! Southern!
We love our oceans!





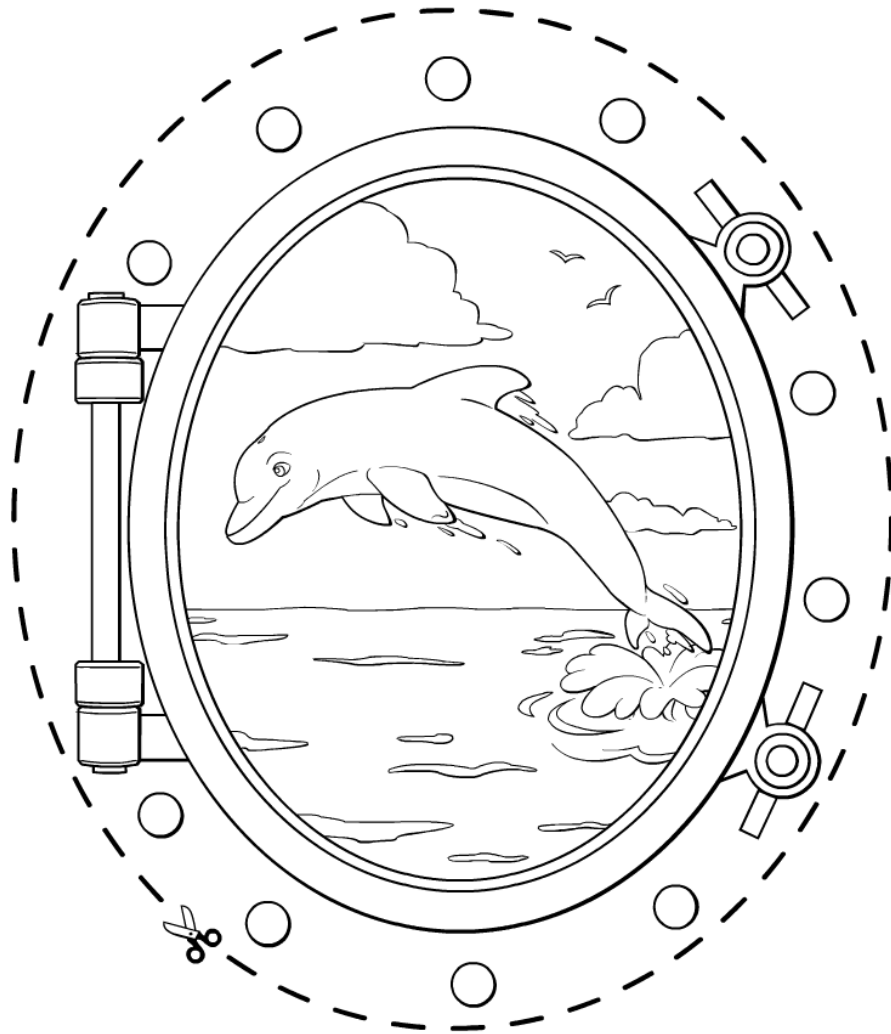
Name _____

Cutting Skills

Oval: porthole

Porthole

Cut on dashed lines (✂-----).



When cutting the dashed lines on this printable, be sure that your child is using safety scissors designed for young children and little hands. These scissors have round tips and blunt blades so that they will cut paper, but not fingers or other objects.

