



So God created the great creatures of the sea and every living and moving thing with which the water teems.

Genesis 1:21



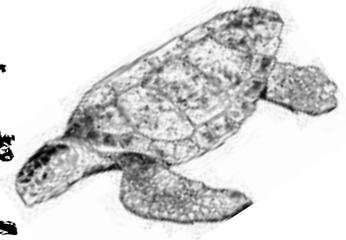
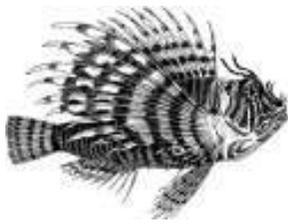
Praise the LORD from the earth, you great sea creatures  
and all ocean depths.

Psalm 148:7

# Fascinating Facts

about

## AQUATIC ANIMALS



Lesson 1



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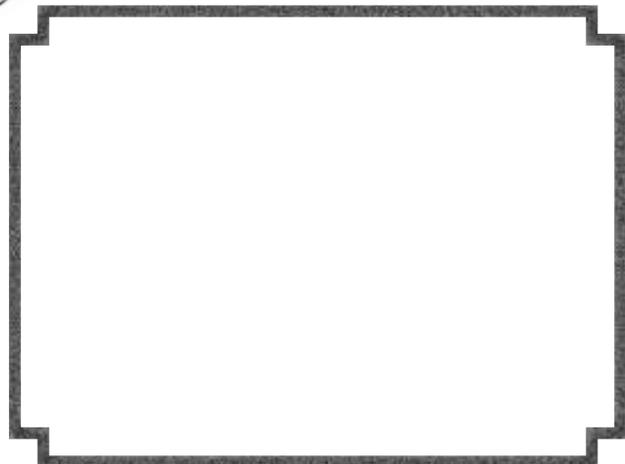
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# Fascinating Facts

about

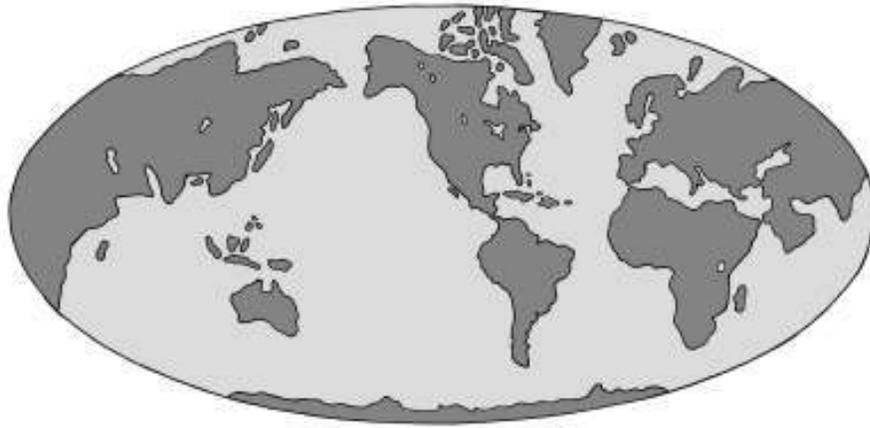


# CURRENTS & WATER



Lesson 1

## SURFACE CURRENTS



SALT WATER

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FRESH WATER

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# Fascinating Facts

about the



# Ocean



Lesson 1

ZONES

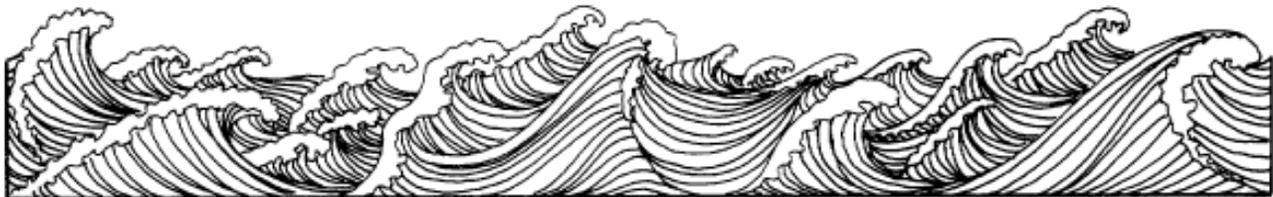
Handwriting practice lines consisting of a solid top line, a dashed middle line, and a solid bottom line, repeated five times.

Abyssal Animals

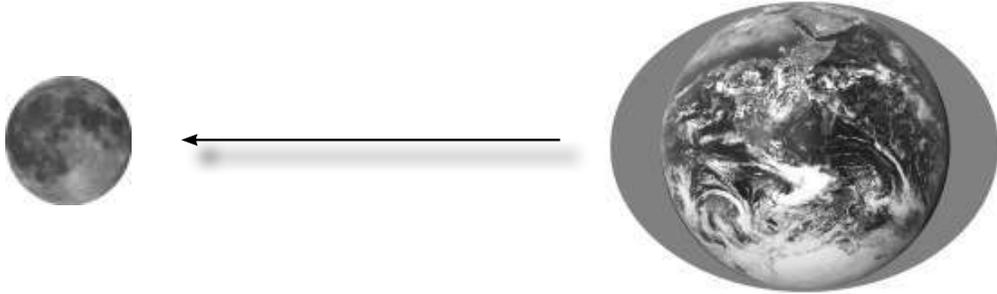


A large rectangular box with a decorative border, intended for notes or drawings related to the 'Abyssal Animals' section.

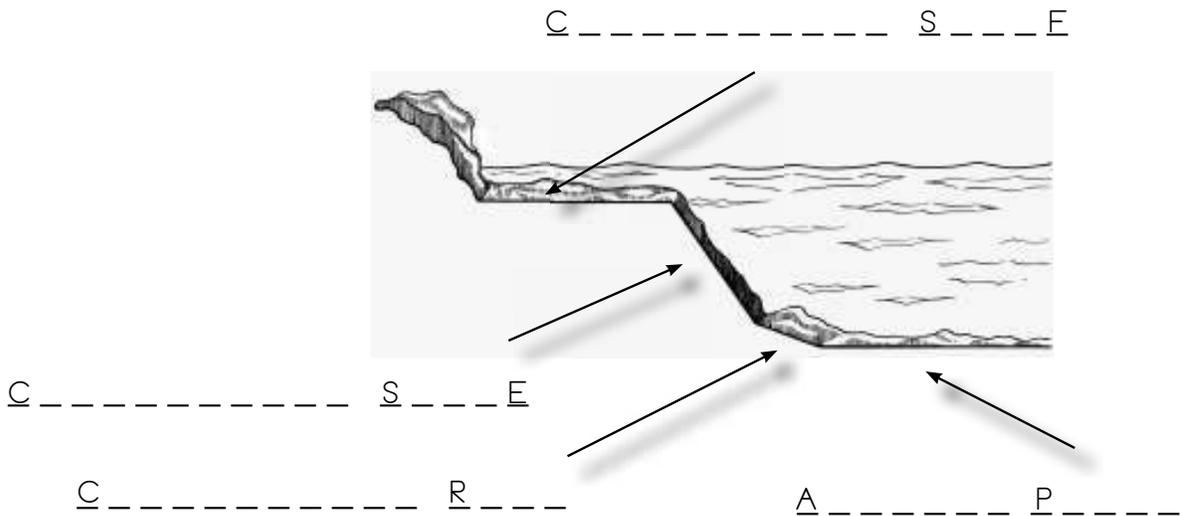
Handwriting practice lines consisting of a solid top line, a dashed middle line, and a solid bottom line, repeated five times, located to the right of the 'Abyssal Animals' box.



# What Causes the Tides



# Regions of the Ocean Floor



# COPYWORK

Praise the LORD from the earth,  
you great sea creatures and all  
ocean depths.

Psalm 148:7

Handwriting practice lines consisting of solid top and bottom lines with a dashed midline, repeated five times.

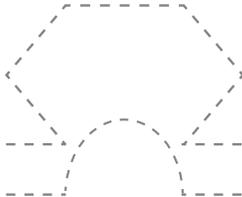
# COPYWORK

*Praise the LORD from the earth,  
you great sea creatures and all  
ocean depths.*

*Psalm 148:7*

# Vocabulary Puzzle Game

ZOOPLANKTON



BIOLUMINESCENCE



The place where a river meets  
with an ocean or sea.

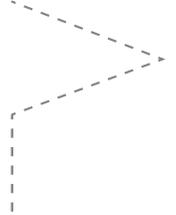
CONTINENTAL  
SHELF



Circular patterns formed by  
the surface currents in the  
world's oceans.



What we call it when the ocean's  
water comes way up onto the  
shore.



Cut out each puzzle piece on this page and the next. Match each vocabulary word puzzle piece to the correct definition puzzle piece. Cut out this rectangle and glue it to your Puzzle Page along the bottom and side edges to create a pocket. After you've played your Vocabulary Puzzle Game a few times, place all your puzzle pieces in the pocket for safe keeping.

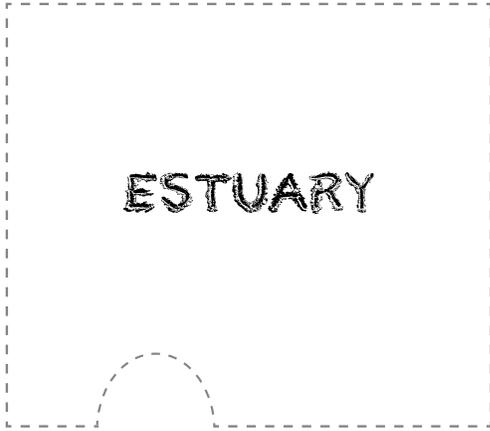
Glue along this edge

Glue along this edge

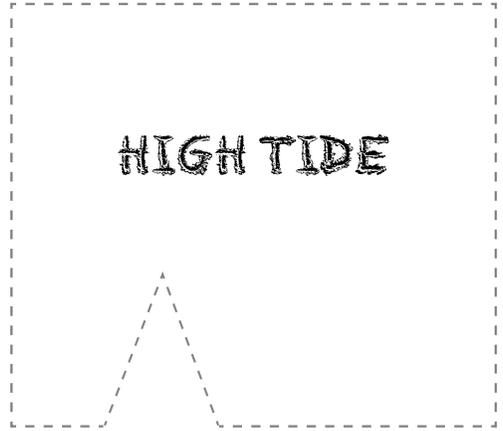
Glue along this edge

**puzzle**

**pocket**

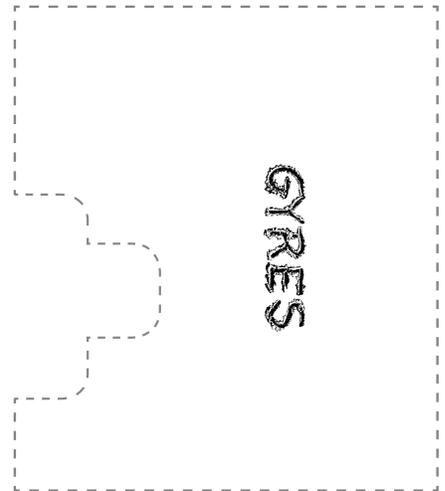


The part of the continent that is underwater. It slopes gradually downward, and the water gets deeper and deeper.



What we call it when a creature has the ability to make its own light, much like a firefly.

A certain type of plankton that are a lot like animals because they need to eat to get food.



Vocab party

Puzzle page

Paste your puzzle pocket here.

# Aquatic Animals & the Ocean Minibook

## Lesson 1

Paste your Aquatic Animals  
and the Ocean Tab Book onto  
this page.





# DIVE DEEPER

## LESSON 1

### Create Abyssal Animals



You can create some abyssal animals for your ocean box. Find images on the Internet, or look for them in the books or DVDs below to see what they look like.

### Why Don't Oceans Freeze?

Have you ever wondered why rivers and lakes freeze in the winter, but oceans do not? Let's do an experiment to see why.

#### You will need:

- 1 gallon freezer bag
- 1 quart freezer bag
- Crushed ice
- 1 cup salt
- A thermometer

Fill the gallon freezer bag half way with crushed ice and water. Measure the temperature and record it. Add salt and seal the bag. Allow the ice to melt for 1 hour. Check the temperature again. The temperature should be less than 32 degrees Fahrenheit. Even though the temperature is below freezing, the ice continues to melt. This is because the salt lowered the freezing point of the water. The water will not freeze unless it reaches a much colder temperature than 32 degrees. This is why water in the ocean rarely freezes. The salt keeps the ocean water from freezing. Occasionally, the top layer of the water, which has less salt, will freeze, while the bottom will not. This enables ocean animals to live all year long in their watery world.

### Create a Model of the Ocean Floor

Using the salt dough recipe below, you can create a model of the ocean floor.

#### Ingredients:

- 4 cups flour
- 1 cup salt
- 1 1/2 cups hot water (tap water)
- 2 teaspoons vegetable oil (optional)
- Food coloring

Mix the ingredients together. You may want to add this to your ocean box.

### Book and DVD Suggestions

*The Deep: The Extraordinary Creatures of the Abyss* by Claire Nouvian. This picture book contains the strange, beautiful, grotesque and wonderful creatures that inhabit the abyss. Artistically presented.

*Down, Down, Down: A Journey to the Bottom of the Sea* by Steven Jenkins. A top to bottom look at the ocean. *IMAX Deep Sea* (DVD) narrated by Johnny Depp and Kate Winslet. This stunning film is an exploration of the world beneath the sea and its bizarre and exotic inhabitants.

\*Be aware that some titles may contain evolutionary content

# My Aquatic Animals Projects

## Lesson 1

What I did:

What I did:



What I learned:

What I learned:



# Scientific Speculation Sheet

## Water Temperature

### Lesson 1

Name \_\_\_\_\_

Date \_\_\_\_\_

Materials Used:

Procedure:

Hypothesis:

Results:

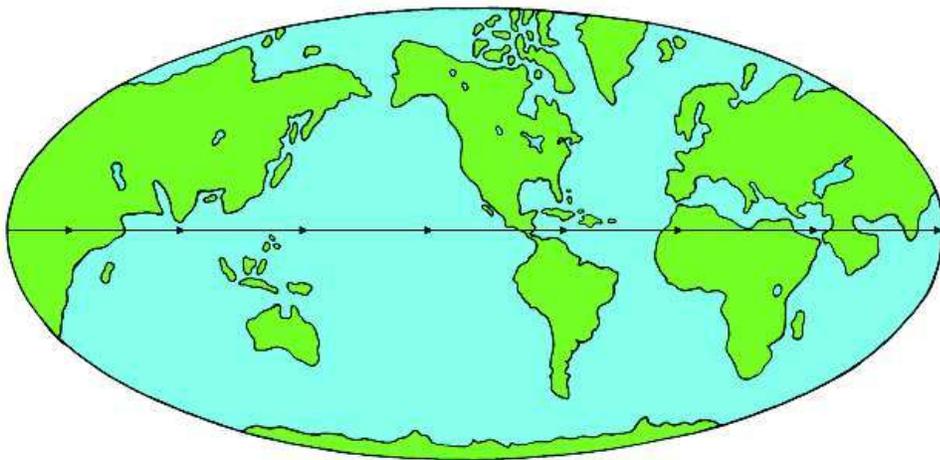




# Currents

Handwriting practice lines consisting of 12 vertical lines, each with a solid top and bottom line and a dashed middle line.

6











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**The Abyss**

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Handwriting practice lines consisting of a solid top line, a dashed middle line, and a solid bottom line, repeated across the page.