

Science Aligned

# WATER ON EARTH



VIRTUAL field trip



# Water on Earth

Water is everywhere on planet Earth!



Water is in the food we eat. It is even in the air we breathe!

60% of the human body is made up of water!



Earth is the only planet in our solar system that has water in all three states - solid, liquid, and gas.

71% of Earth's surface is covered in water. This is how it looks from space. Can you see why this planet is nicknamed "The Blue Marble"?



## INTEGRATES READING

Short reading passages  
build background and  
introduce key vocabulary.

PONDS

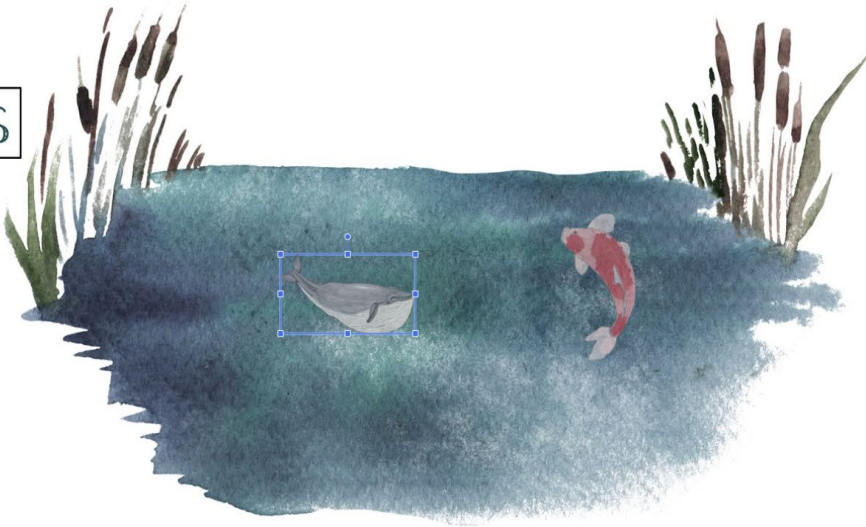
LAKES

RIVERS

OCEANS

## Fill Your Pond!

Click on each body of water above to learn more. Collect the sticker from each body of water. Copy (Ctrl + C) and paste them in and around the pond (Ctrl + V).



## INTERACTIVE ACTIVITIES

Students collect stickers along their journey and paste them in their pond to showcase learning.

Ee





## The Longest River in the World?

The river is located on what continent?

South America

How long is it thought to be?

6,840km / 4,250miles

How many countries does it flow through?

SEVEN: Brazil, Peru, Bolivia, Colombia, Ecuador, Venezuela, Guyana

How has the river been a source of life?

The Amazon River is home to the most diverse ecosystems in the world. It provides nutrients to the Amazon Rainforest (the largest rainforest in the world) and holds 20% of the world's fresh water.

Scientists disagree about whether the Amazon River or the Nile River is the longest in the world. Even though it's hard to say for sure, they're both very impressive!

### THE AMAZON RIVER

The Amazon releases 74 times more fresh water into the ocean than the Nile.

Click in the photo to locate the Amazon River on Google Earth. Follow the river to its mouth, where it flows into the ocean.



Sunset on the Amazon River



A small village along the Amazon River



The Amazon River is home to the red-bellied piranha. Click on the piranha to the left to read more about them.

What body of water does the Amazon flow into?

Do scientists believe that piranhas are as dangerous as their reputation?

# TRAVEL THE WORLD

Learn about important bodies of water around the world.




# LEARN ABOUT GEOGRAPHY


Explore the five oceans all  
connected covering about 71%  
of Earth's surface.

## Let's Explore! :Oceans


Oceans are large areas of salt water between the seven continents of the world. There are five oceans, all connected, covering about 71% of Earth's surface. Click [here](#) to watch a short video about the oceans. All five oceans listed below are in order from biggest to smallest.

Pacific Atlantic Indian Southern Arctic




Check out the map to the left to locate the ocean you live closest to! Place the heart next to it. 


Then, click [here](#) to take an ocean geography quiz!



Iceberg floating in the North Atlantic Ocean



Open ocean of the Pacific



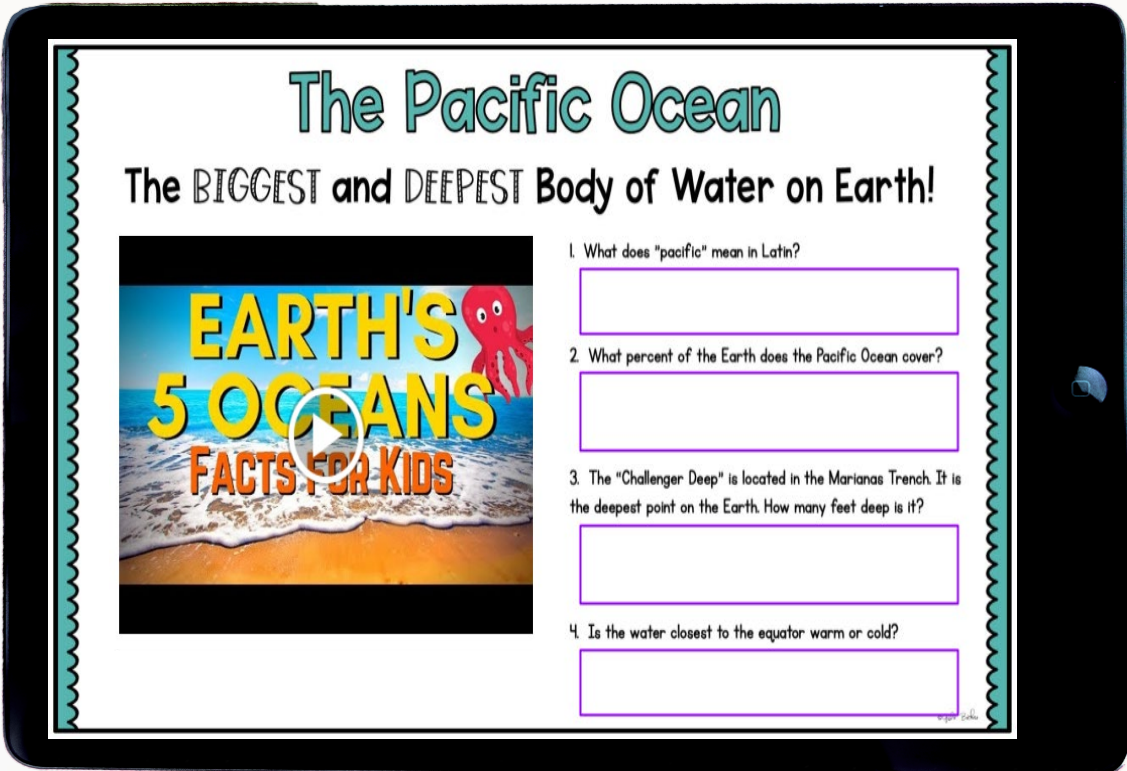
Tropical island beach on the Indian Ocean





# INCORPORATED MULTIMEDIA

Videos incorporate social studies and reading skills. Includes standards-based interactive activities.



**The Pacific Ocean**

The BIGGEST and DEEPEST Body of Water on Earth!

**EARTH'S 5 OCEANS FACTS FOR KIDS**

1. What does "pacific" mean in Latin?

2. What percent of the Earth does the Pacific Ocean cover?

3. The "Challenger Deep" is located in the Marianas Trench. It is the deepest point on the Earth. How many feet deep is it?

4. Is the water closest to the equator warm or cold?



## Reflection

After exploring ponds, lakes, rivers, and oceans, how has your understanding of planet Earth changed?



# WRITING EXERCISES

Students write reflections,  
using critical thinking skills.



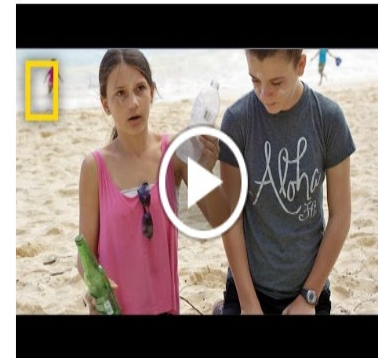
# CALL TO ACTION!

Motivate students to take  
action for change.



## Protecting Earth's Oceans

Watch the video to see one great threat to  
our oceans and ocean animals.



Click on the picture to read  
about ways of reducing the  
plastic that ends up in the  
ocean every day.

1. What threat to the ocean and ocean animals does the video  
explore?

2. What are you willing to do to create healthier oceans and preserve  
ocean animals? Choose two!

To The  
Pond!





## Suggested Uses

- Assign in Google Classroom or SeeSaw
- Whole Class Activity
- Small groups or center
- Early Finisher
- Incentive or Fun Friday

## Google Slides and SeeSaw



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