

Water World

Learning Objective:

To explore water on our planet.

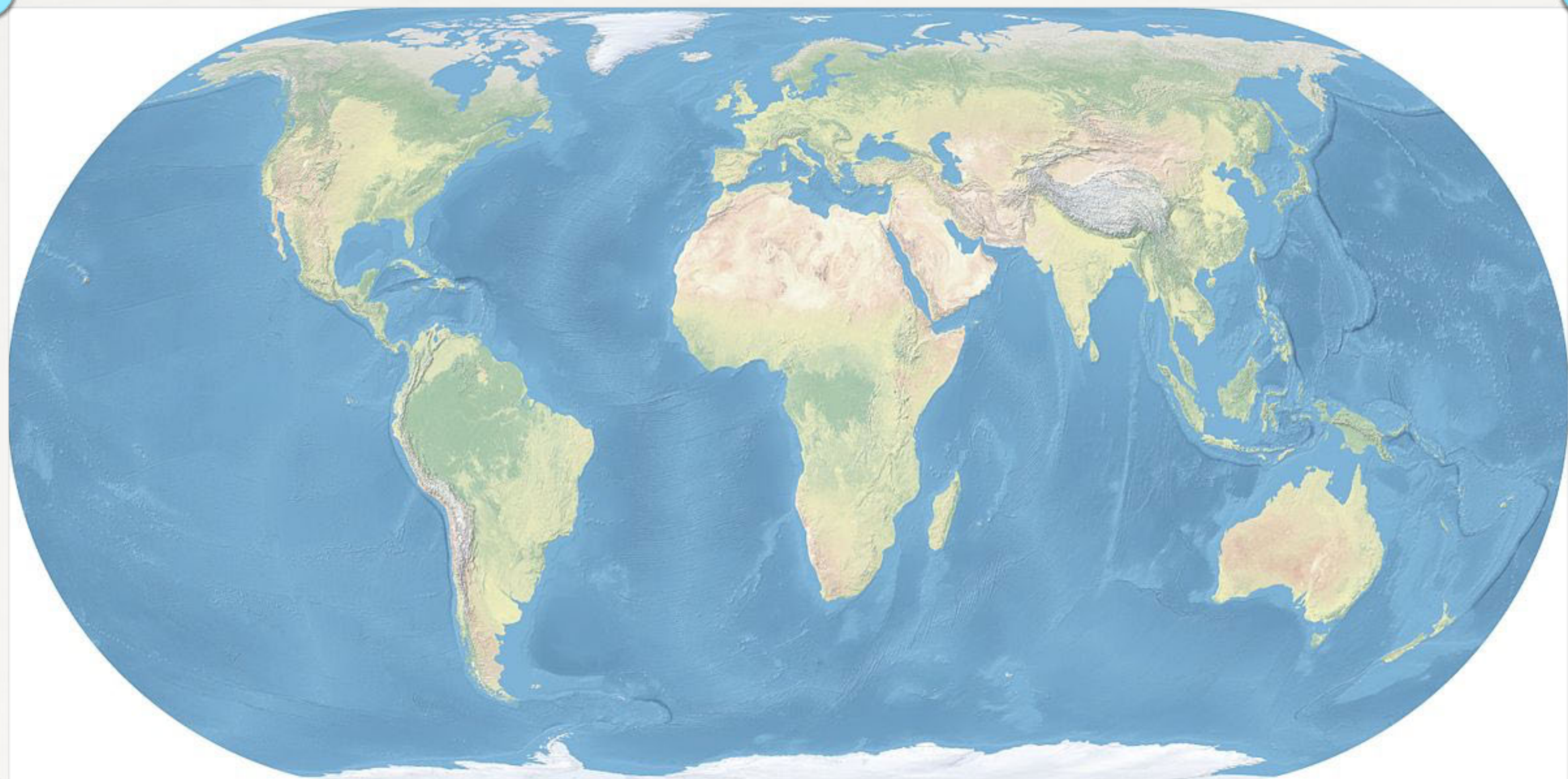
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Where
can you find
water on our
planet?

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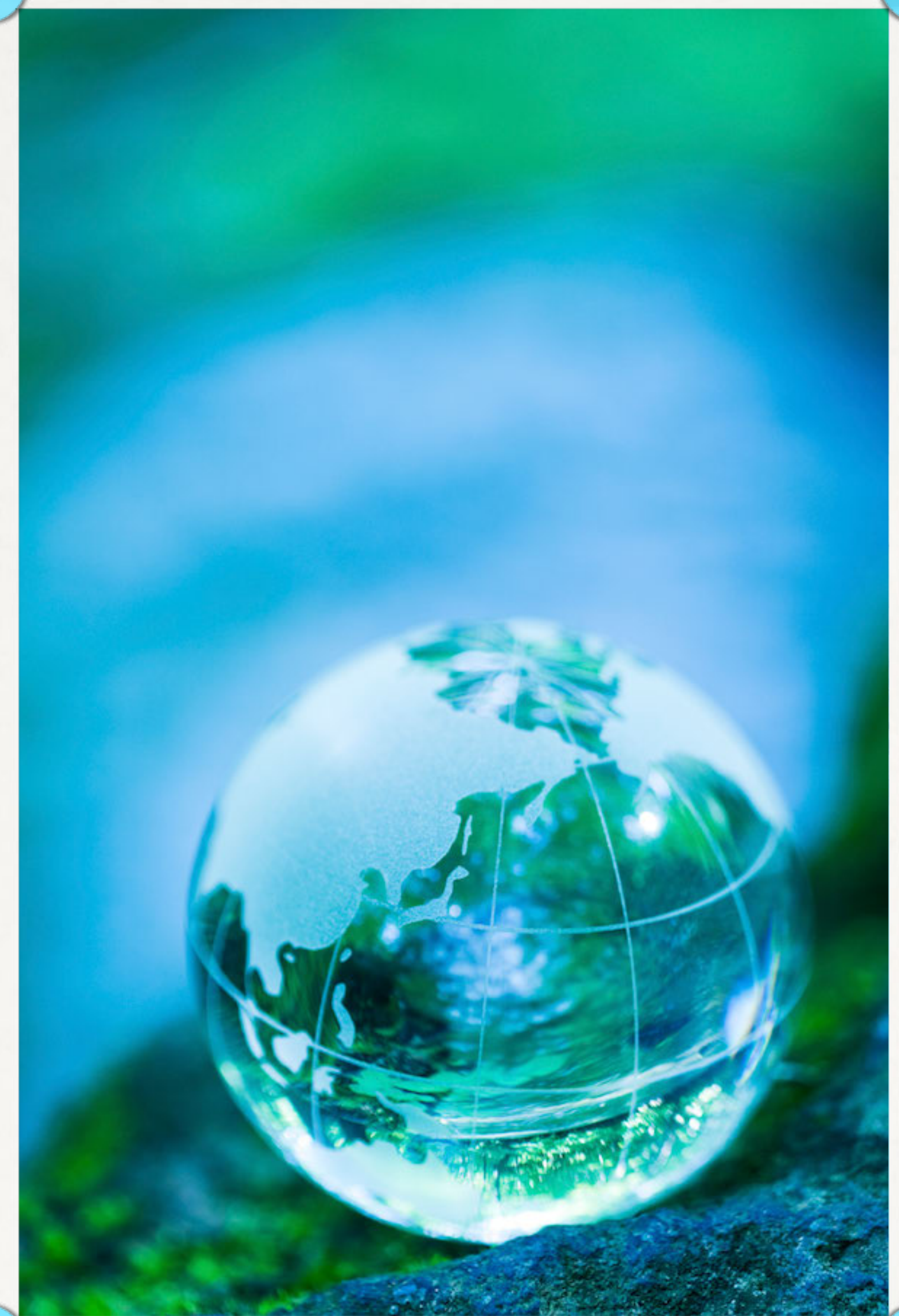


Approximately 71% of the Earth's surface is covered in water.

Where does the water exist?

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There
are many
different bodies of
water on the Earth.
Do you know their
names?

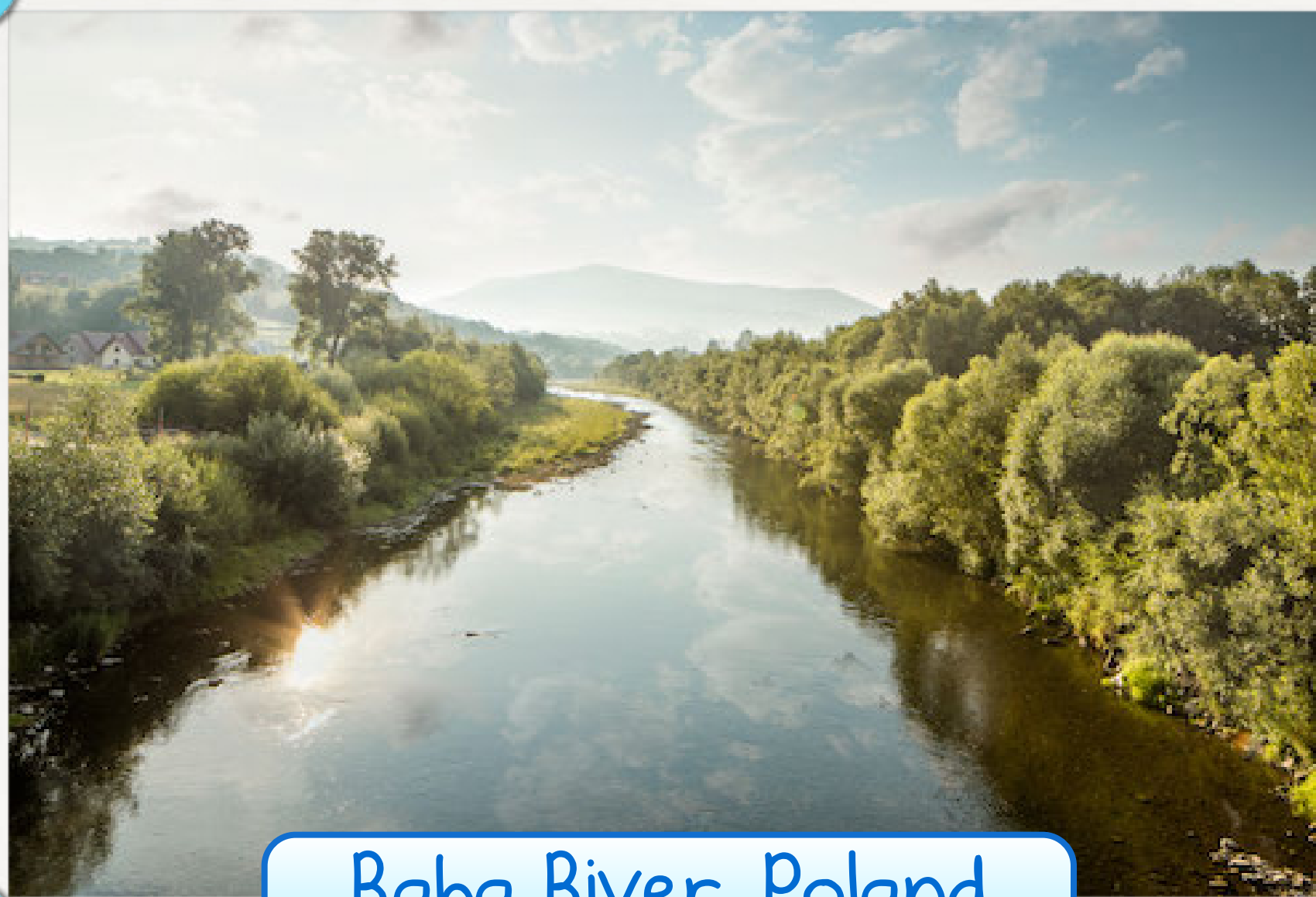
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Rivers and lakes

A river is a natural waterway formed by water from precipitation. It usually flows from high to low ground.

A lake is a large body of water contained by land.

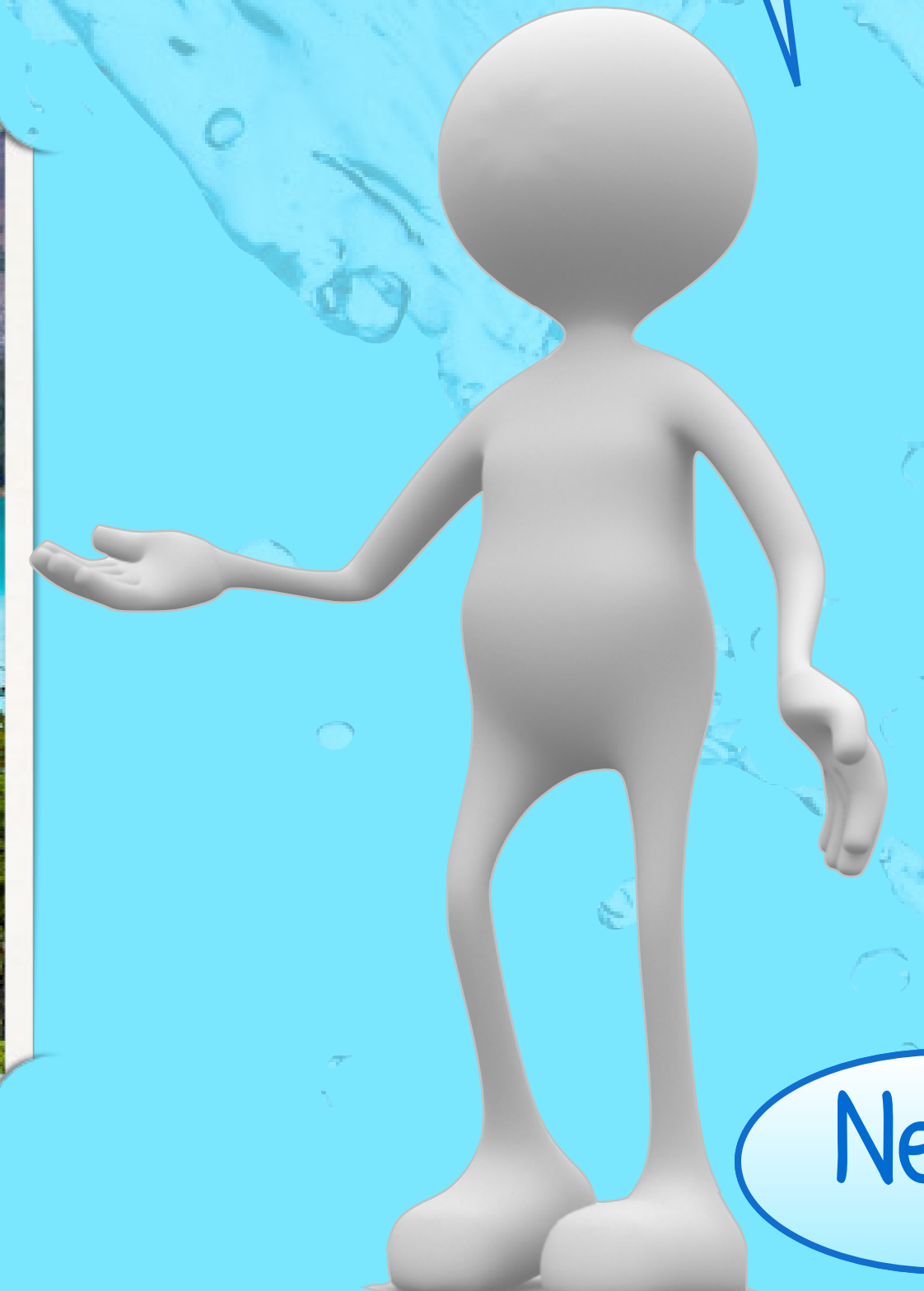


Raba River, Poland



Lake O'Hara, Canada

Have you been to a river or lake?



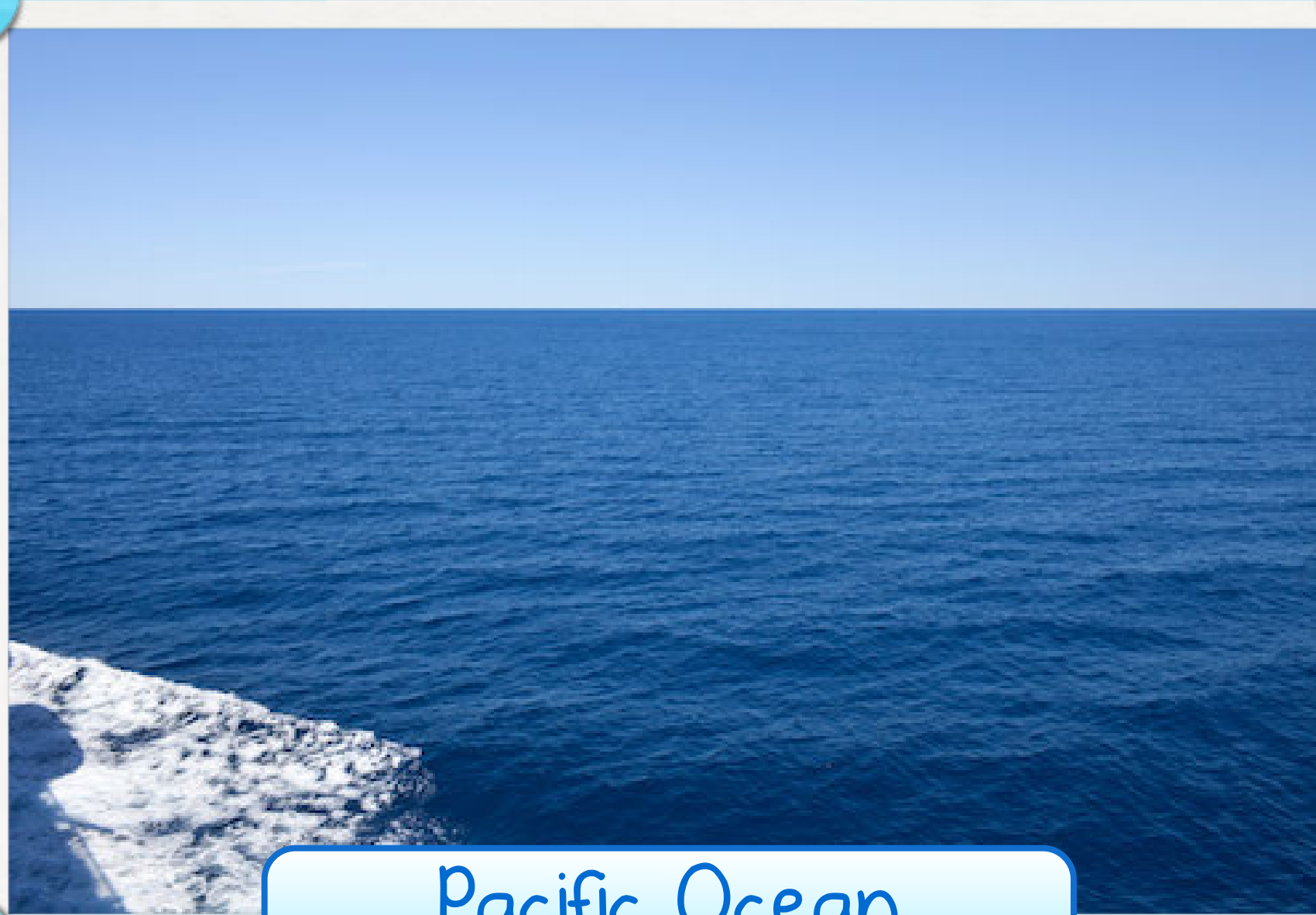
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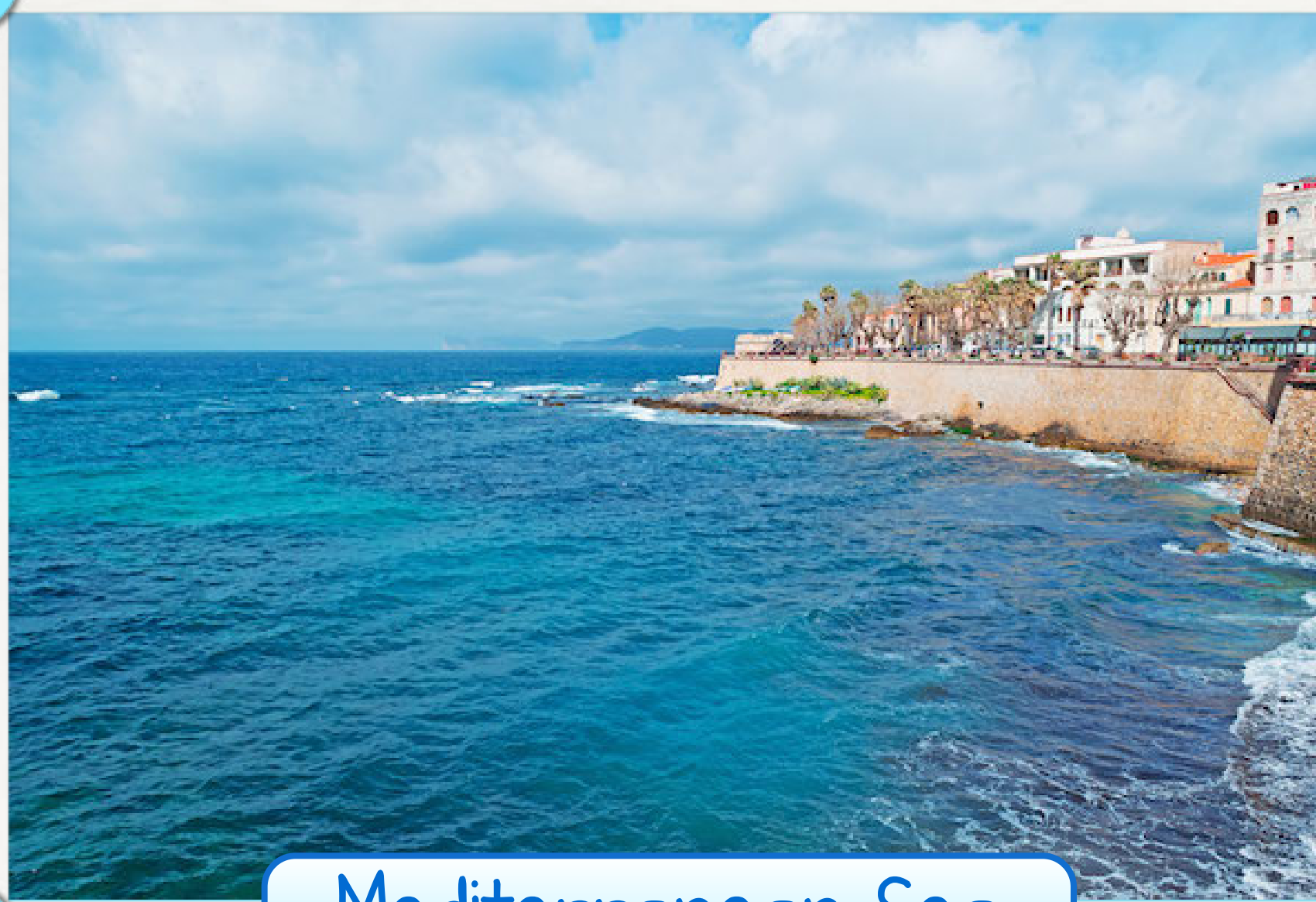
Oceans and seas

An ocean is a major body of water covering the Earth's surface.

A sea is a large area of water connected to an ocean. They are located where the land and an ocean meet.



Pacific Ocean



Mediterranean Sea

There are five main oceans on the Earth.



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Reservoirs and bays

A reservoir is a place where water is stored for a purpose. They can be natural or man made. A bay is an area of water bordered by land on three sides.



Buendia Reservoir, Spain



Wineglass Bay, Australia

Reservoirs are usually formed when dams are constructed.



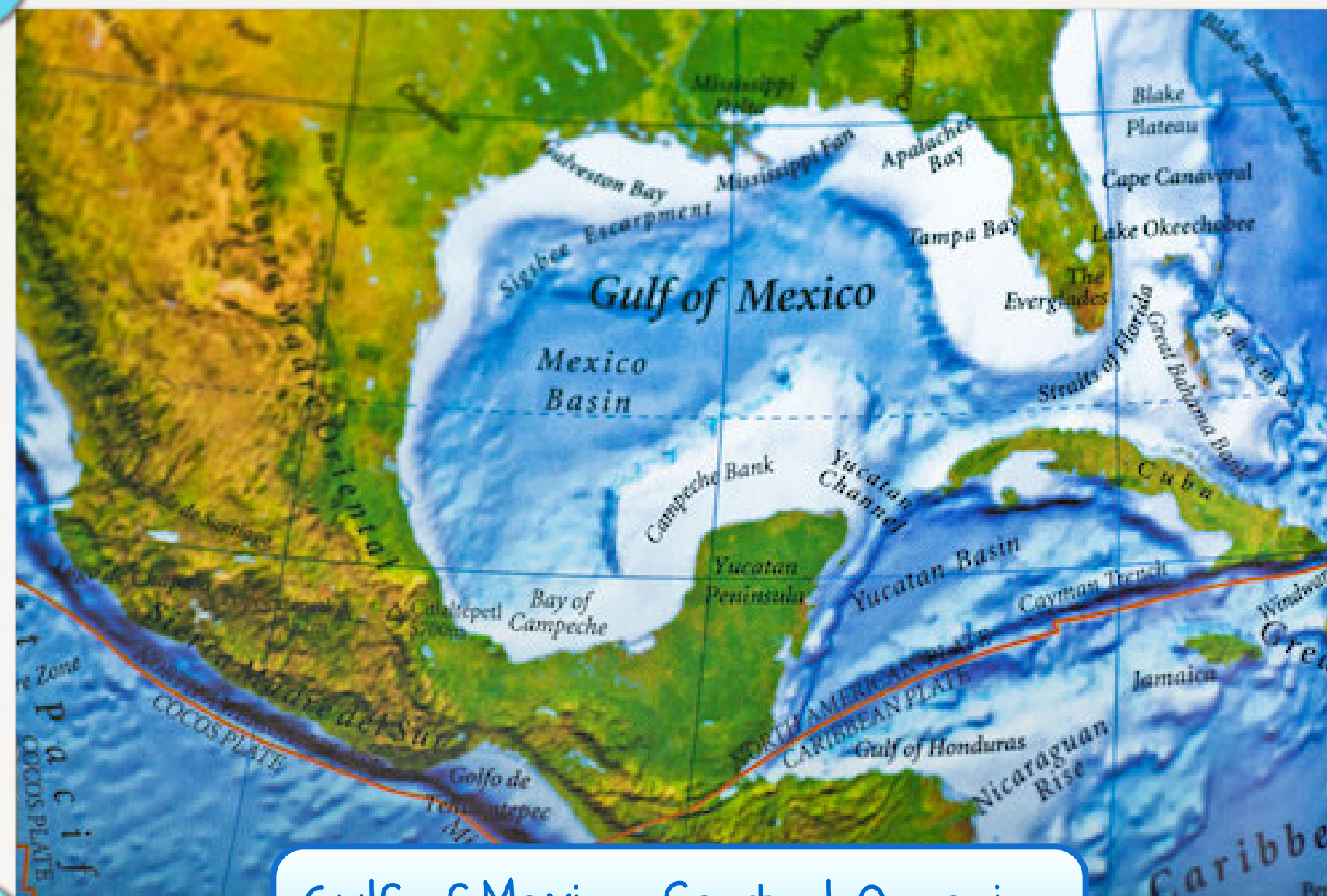
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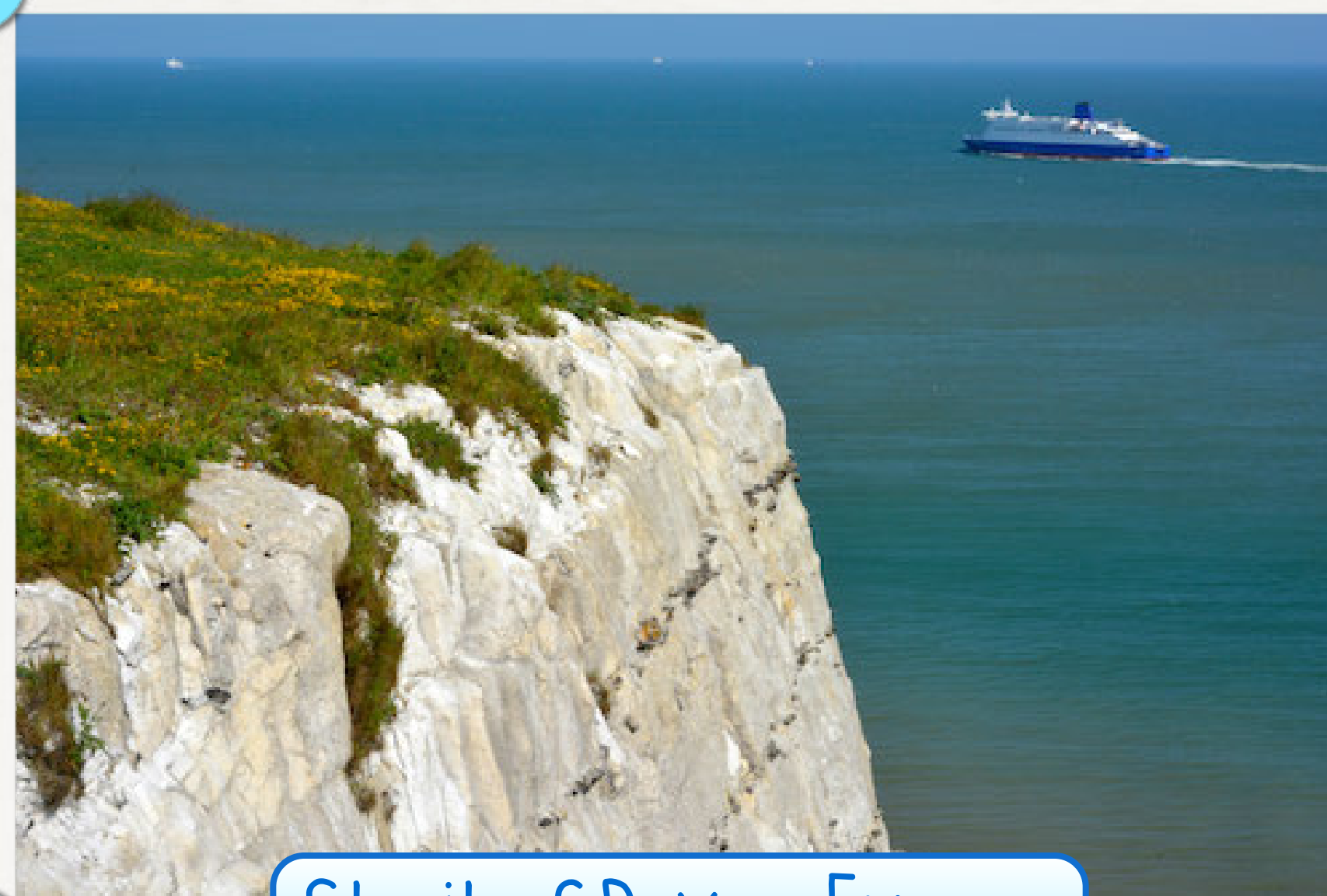
Gulfs and straits

A gulf is part of an ocean or lake that extends and then is surrounded by land (similar to a bay but larger). A strait is a narrow channel of water that connects two larger bodies of water.

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Gulf of Mexico, Central America



Strait of Dover, Europe

A strait is very similar to a channel.



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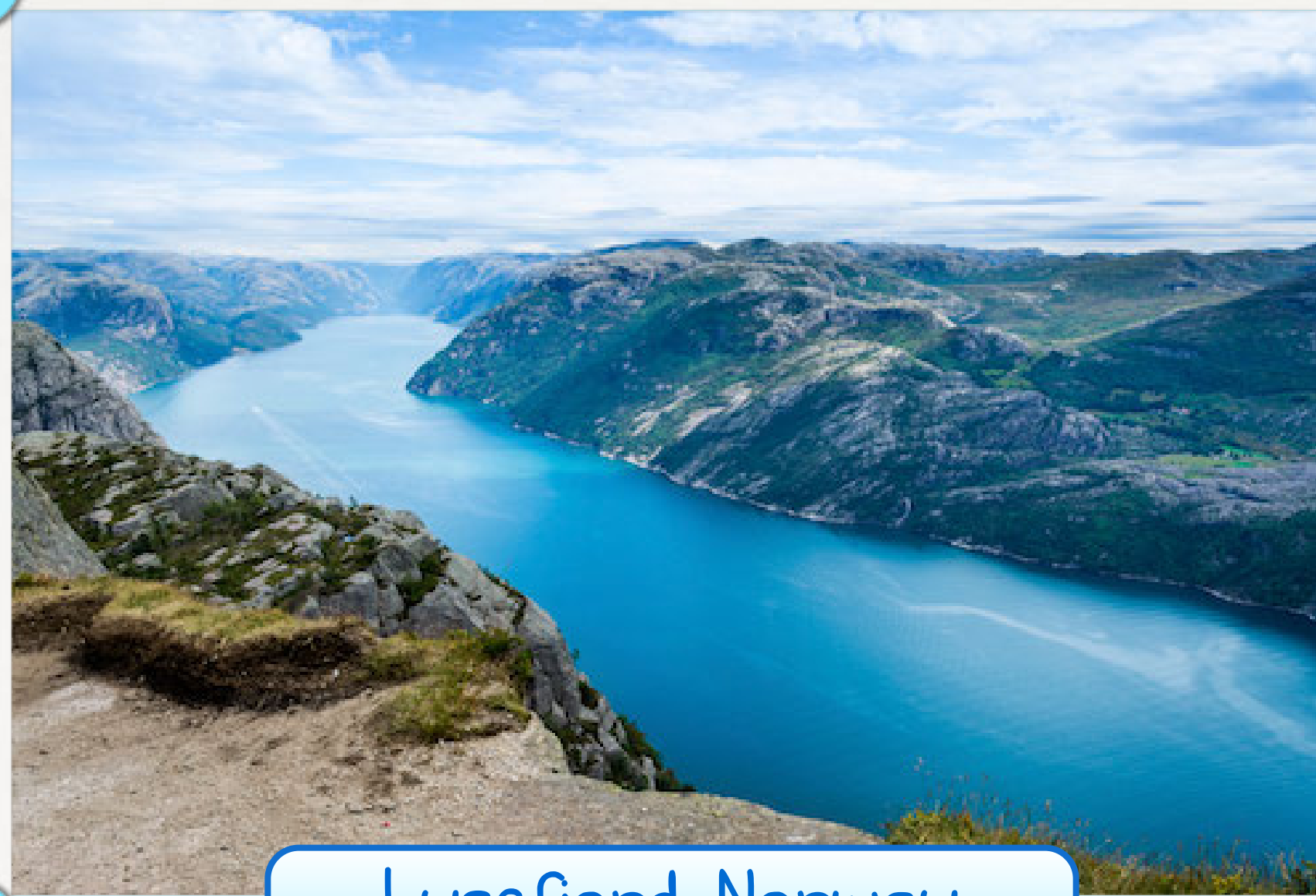
Glaciers and fjords

A glacier is a large body of ice or a frozen river that moves down a mountain.

A fjord is a long, deep, narrow arm of water between high cliffs, formed by glacial erosion.

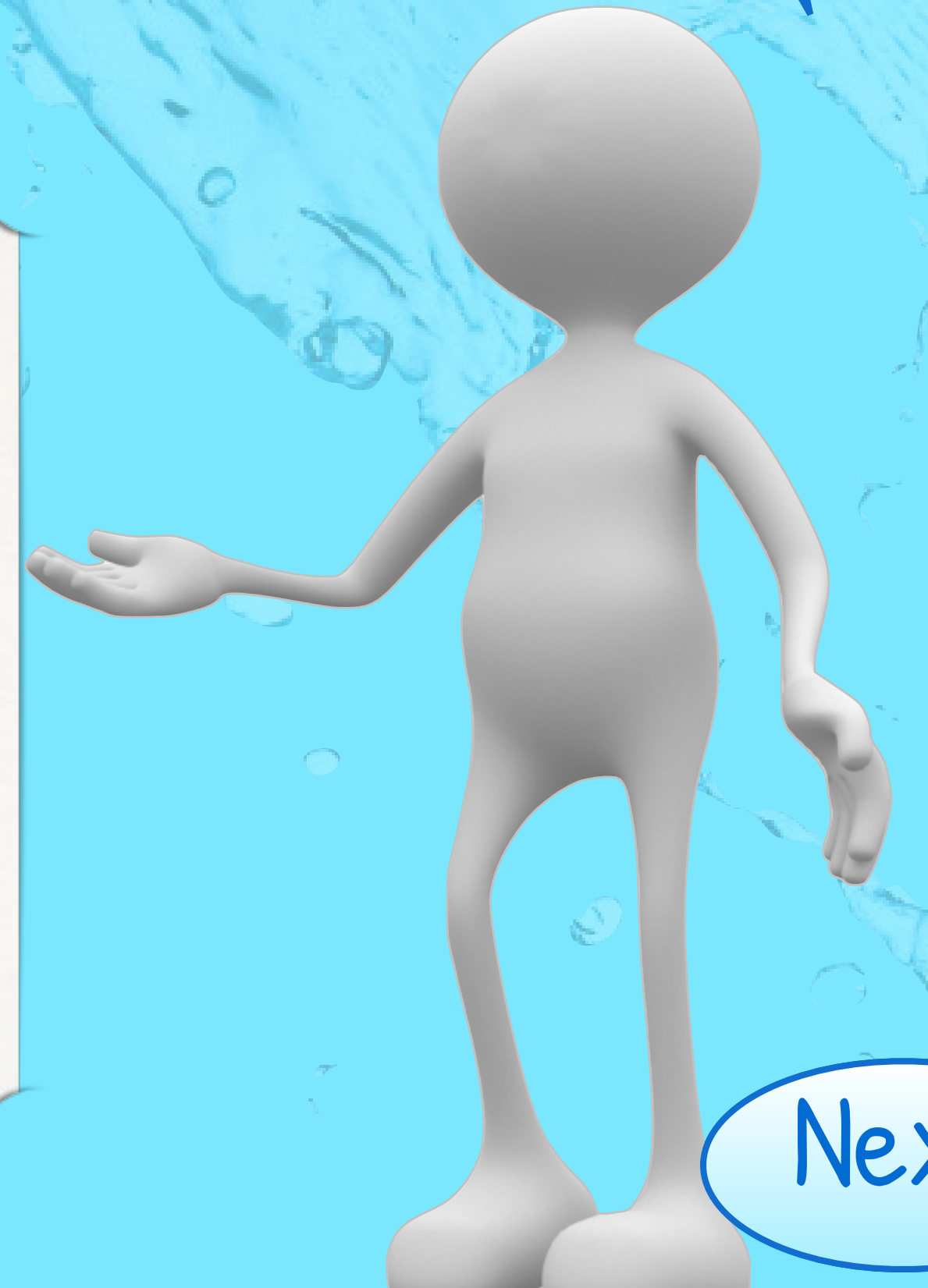


Perito Moreno Glacier,
Argentina



Lysefjord, Norway

Where in the world would you find glaciers?



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Do you know
any more bodies
of water?

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Key fact: water on our planet is either salty or fresh.



What does this mean?

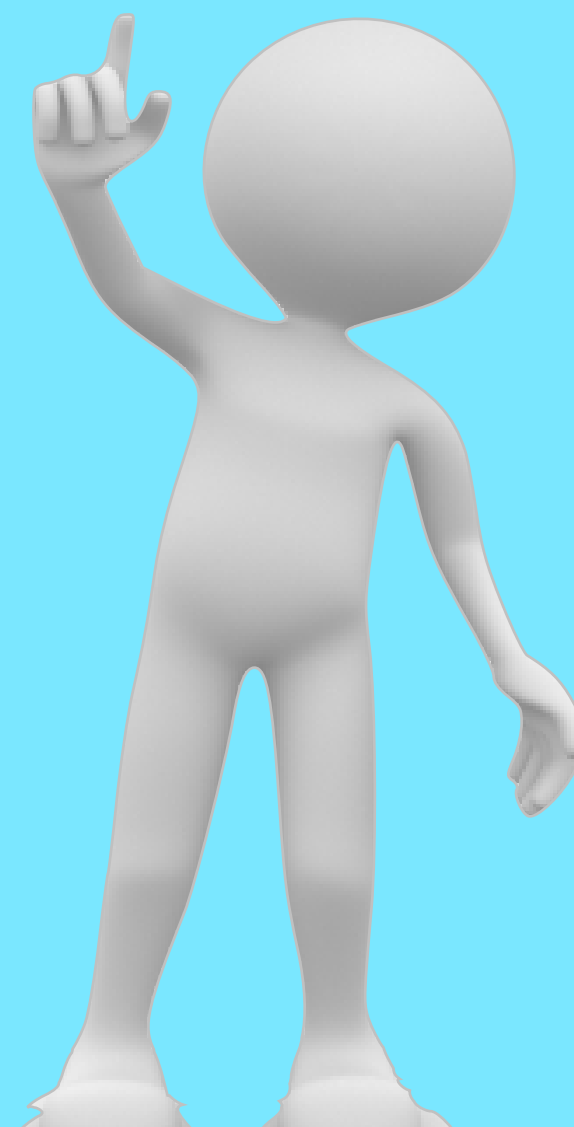
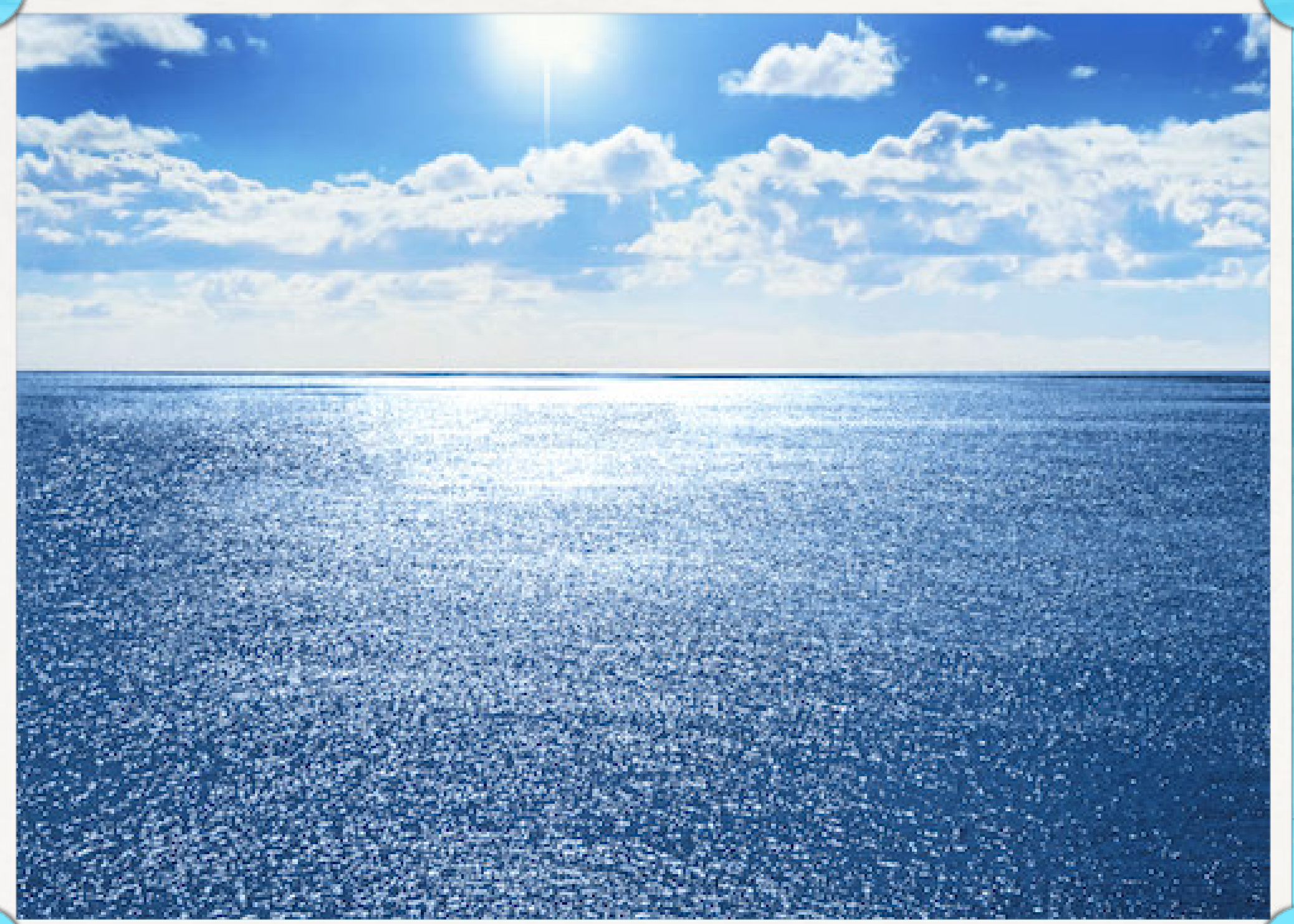
Salt water and fresh water can be found in different places on the Earth.

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Salt water

Salt water is water that contains large amount of salts. Most of the water on our planet and all the oceans and seas are salt water. Salt water is dangerous to drink as too much salt in our body causes problems for our blood.



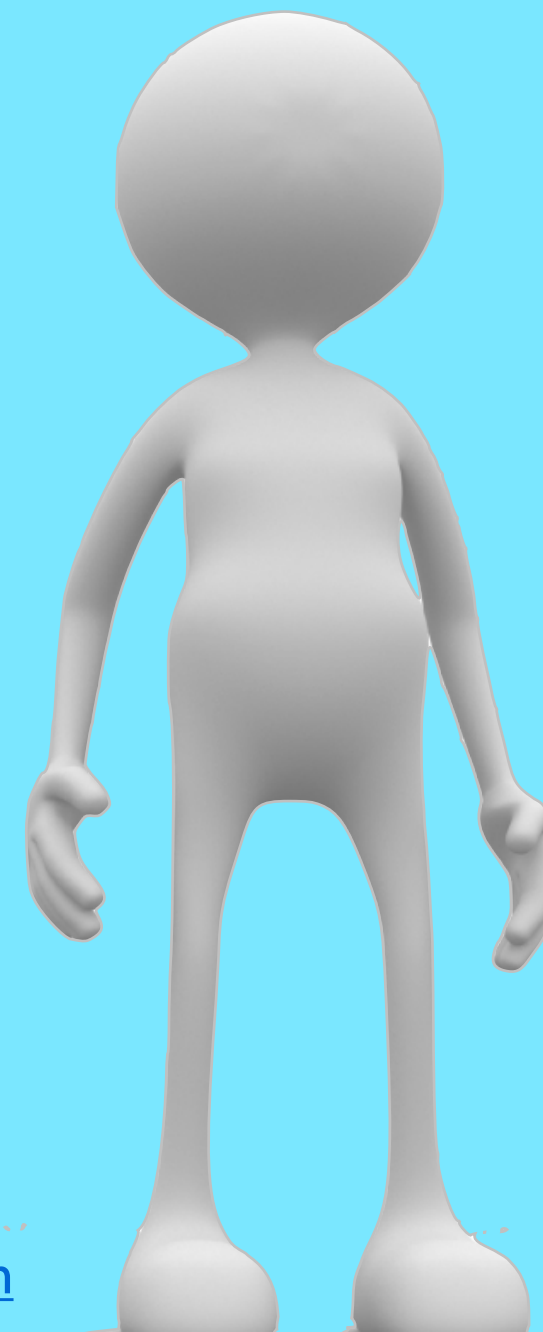
Have you tasted salty water at the beach?

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Fresh water


Fresh water has very little salt. It still has some salt but small amounts. Most of the rivers, lakes, ponds and streams contain fresh water. Only 1% of the Earth is covered in fresh water. This is a very small amount. Sometimes fresh water rivers travel across the land and connect with salt water.



Can
you drink fresh
water?

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Where do you
see water in your local
environment?
What type of body of
water is it?

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Plenary

Discuss these questions:

How did water first appear on our planet?

Why is so much of the Earth's surface covered in water?

If there is so much water on our planet, why do some areas experience drought and lack of water?

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