

# Oceans

## The Pacific Ocean

This ocean is the biggest on Earth. It covers nearly half of the Earth's surface! USA, Japan, China and Canada all lie next to the Pacific. The name comes from the word 'peaceful' but the huge ocean isn't always calm! It is around 4000m deep in most places.



The surface of the Earth is covered by oceans! They are the largest and most amazing habitats on Earth. There are many plants and animals in the ocean that humans have not yet found.

Even though they are the biggest animals on Earth, we know very little about Blue Whales. This is because the oceans are so large and deep, they can stay hidden.

There are five oceans on Earth, including the **Arctic**, **Atlantic**, **Indian**, **Pacific** and **Southern**. During the winter, the **Arctic** Ocean is completely covered in ice! The oceans could get even deeper if the ice at the poles melts.

The Atlantic Ocean is the ocean which separates Britain from the USA. It can be a dangerous ocean to cross by boat as there are lots of icebergs. The Titanic famously sank in the Atlantic Ocean in 1912.



**Did you know** that parts of the Ocean are 11000m deep!

# Seas and Oceans



All you need to know about Seas, Coasts and **Oceans!**



# Coasts

## The White Cliffs of Dover

These cliffs are found on the south coast of England. In some parts, the cliffs are 100m tall! They are white because they are made out of chalk. On a clear day, you can see the cliffs from France!



The coast is where the land meets the sea. Coasts are good places to visit because you often find sandy beaches.

People have travel to the coast from inland to have a holiday! Places like Whitley Bay are very popular places to visit. When the train was invented, towns by the coast grew to make room for all of the new visitors. The south of Spain is very popular thanks to the beaches.

Coasts are always changing because of the sea. Waves can cause a lot of damage. When there is a storm, whole cliffs can be washed away! Even a very small wave on a calm day moves the coast by just a few grains of sand at a time!

Waves start far out to sea and grow as they reach the land. All of the power in a wave is released as it reaches the coast and some can cause great damage. The biggest kind of waves, known as tidal waves, have caused huge damage in the past because they are so powerful.



**Did you know** that Spanish word for **coast** is costa!

# Seas

## The Dead Sea

The Dead Sea is actually a lake but because it is so salty, it is known as a sea. It has more salt in it than the oceans! The Dead Sea is nearly 400m deep and 60km long! It is called The Dead Sea because nothing lives there.



Seas are areas of water and are much smaller than oceans. They are actually small parts of the oceans. (Find out about oceans on the next page!)

The sea around Britain is called the North Sea. It is a cold sea that is not very nice to swim in!

If you have been to Greece, Italy, Spain or Turkey then you have probably been in the Mediterranean (**Med-it-err-an-ean**) sea. This sea is calm and warm and has no dangerous animals in it. People visit it from Britain in the summer.

The sea can be a dangerous place but luckily, most countries have coastguards. These brave men and women go out into the sea on lifeboats to save people who are in trouble. You could say that Grace Darling was one of the first ever coastguards!



**Did you know** that most of the North Sea is only 100m deep!