



What lies beneath?

YEAR 2
GEOGRAPHY

KNOWLEDGE MAT

KEY KNOWLEDGE

World Map and Overview



- The surface of the planet is 71% water. It contains 5 oceans: The Arctic, Atlantic, Indian, Pacific and Southern Oceans.
- The different oceans are shown by the different shades of blue on the map.

- All of the oceans are actually connected together.
- Because the oceans are so large, people sometimes break them down into even more categories, e.g. the 'Northern Atlantic' and the 'Southern Atlantic.'
- The word 'ocean' comes from Greek, meaning 'great stream.'

KEY VOCABULARY

- Ocean** - areas of salty water that fill enormous basins on the Earth's surface.
- Sea** - a general name for the body of salt water that covers the greater part of the surface of the Earth.
- marine life** - plants, animals and other organisms that live in the salty water of the seas and oceans of Earth.
- mammal** - an animal that breathes air, has a backbone, and grows hair at some point during its life.
- fish** - vertebrates (vertebrates have backbones) that live in water.
- crustacean** - animals that usually have a hard covering, or exoskeleton, and two pairs of antennae, or feelers.
- mollusc** - a kind of animal with a soft body.
- equator** - an imaginary line around the Earth that goes exactly midway between the North Pole and the South Pole and divides it into two equal halves, the Northern Hemisphere and the Southern Hemisphere.
- habitat** - the place where living things naturally live and grow
- reef** - a chain of rocks or coral or a ridge of sand at or near the surface of water.

Animals in the Ocean



Octopus



Sea Turtle



Jellyfish



Sea Urchin



Pufferfish



Seahorse



Coral



Starfish



Crab



Manta Ray



Dolphin



Shark



Whale

Protecting our Oceans

- Make responsible seafood choices.
- Use cars less, use less oil.
- Keep **plastics** away from beaches.
- Use reef-safe sun cream.
- Think about where you go on holiday.



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The Five Oceans

Pacific Ocean

-The Pacific Ocean is the largest ocean in the world. It covers nearly one-third (30%) of the Earth's surface. It separates Australia and Asia from North and South America.

-The name Pacific Ocean means the 'peaceful sea' in Portuguese.

-Some of the main features in the Pacific Ocean include the Mariana Trench and the Hawaiian Islands.



Atlantic Ocean

-The Atlantic Ocean is the second largest ocean in the world. It covers about 20% of the earth's surface.

-It separates North and South America from Europe and Africa. It contains the Gulf Stream.

Indian Ocean

-The Indian Ocean is the third-largest ocean in the world. It is the warmest ocean in the world!

-It lies south of India and separates Australia from Africa. It contains Madagascar and Sri Lanka.



Southern Ocean

-The Southern Ocean is the second smallest ocean. It is in the southernmost part of the world - around Antarctica.

-As it is so far south, much of the Southern Ocean is normally covered in ice (like the Arctic Ocean).

Arctic Ocean

-The Arctic Ocean is the smallest and shallowest of the world's oceans. It is in the northernmost part of the world.

-For much of the year, the Arctic Ocean is covered by ice. It has lots of fresh water, from melting ice.



KEY KNOWLEDGE

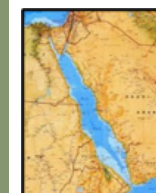
Seas

Seas are smaller than oceans, and are usually located where land and ocean meet. Sometimes, seas are a small section of an ocean. Below are some of the world's seas:

Mediterranean Sea

-The Mediterranean Sea is connected to the Atlantic Ocean through the strait of Gibraltar, which is only 9 miles wide.

-The Mediterranean Sea separates southern Europe from northern Africa.



Red Sea

-The Red Sea is an inlet of the Indian Ocean, which separates eastern Africa from western Asia (the Middle East).

-The Red Sea is the world's northernmost tropical sea, with lots of interesting marine life.

Caribbean Sea

-The Caribbean Sea is a far-western section of the Atlantic Ocean, which surrounds the Caribbean Islands. The Caribbean Sea is bounded by Mexico and Central America.



Dead Sea

-The Dead Sea is called a sea, but is actually a hypersaline (very salty) lake.

It is so salty that animals and plants cannot live in it (dead!), and you can easily float on it.