

Oceans and Plastic Pollution Knowledge Organiser



Physical

- Use atlases and globes to locate and name the five oceans of the world.
- Identify the position of the Equator, Tropic of Cancer and Tropic of Capricorn.
- Use terms such as Northern Hemisphere and Southern Hemisphere.

Human

- Identify how disposable plastic is affecting our environment.
- Identify ways in which plastic pollution is harming ocean life.
- Find ways to reduce plastic use - especially single-use plastic.

Key vocabulary

Pacific Ocean – The world's largest and deepest ocean found between Asia and America.

Atlantic Ocean - The second largest ocean in the world. Generally found in the Northern Hemisphere.

Indian Ocean – The third largest ocean in the world bordering India, East Africa and the Southern Ocean.

Southern Ocean – The fourth largest and the most-recently named ocean. This borders the whole of Antarctica.

Arctic Ocean - The world's smallest and shallowest ocean - also the coldest and least salty!

Pollution – the introduction of harmful materials into the environment.

Ocean Facts

- The Pacific Ocean is the world's largest and deepest ocean. It covers more than 30% of the Earth's surface.
- The Great Barrier Reef is the world's largest coral reef system and it is over 2,600km in length.
- The average depth of an ocean is 4km.
- The phytoplankton living in the world's oceans produce between 50% and 85% of the oxygen in the Earth's atmosphere.
- Only about 5% of the oceans have been explored by humans.



The Great Pacific Garbage Patch