

# Oceans and Seas—KNOWLEDGE ORGANISER



## What I should already know?:



The country I live in is called **England** which is part of the **United Kingdom**. The United Kingdom is made up of England, Scotland, Wales and Northern Ireland.

A continent is a very large area of land consisting of many countries. There are seven continents (Asia, Africa, North America, South America, Antarctica, Europe, Australia). I can locate them on a world map.

## What I will know by the end of the unit:

**Ocean definition:** One of the five very large areas of salt water on the Earth's surface

**Sea definition:** A large area of salty water that is part of an ocean

There are different types of sea: 1) enclosed by land, 2) enclosed between land and sea

### 5 Oceans

Order by size (below is from largest to smallest)

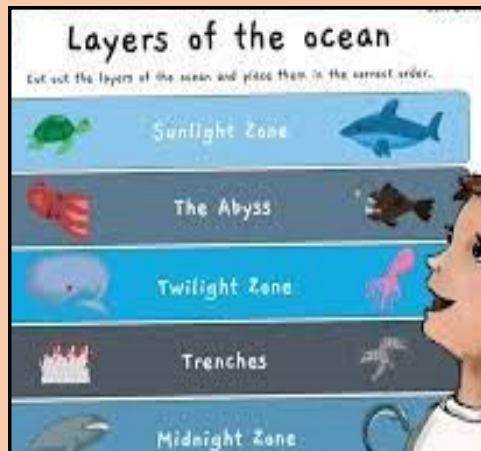
Pacific Ocean

Atlantic Ocean

Indian Ocean

Southern Ocean

Arctic Ocean



Oceans cover 70% of our earth.

### Oceans are important for:

- Animal habitats
- Oxygen
- Food
- Medicine
- Weather patterns
- Transportation



**Bioluminescent:** is the capacity of living things to make light. Bioluminescent is mainly a marine phenomenon.

## Geographical skills and fieldwork

- Find the five Oceans of the world using Map skills.
- Use the continents to locate the oceans.
- describe how the ocean is different at the North Pole and the Equator.
- Campaign to protect the oceans by creating a video.
- Describe the features of a map and different types of maps

### The oceans are under threat due to:

- Pollution, overfishing and global warming.**
- Plastic and other rubbish** harms marine animals and enters the food chain.
- Overfishing** damages the sea bed, and harms fragile ecosystems.
- Global warming** causes the marine environment to become more acidic and harms sea life.



### VOCABULARY

<b>Coral reef</b>	a ridge of rock in the sea formed by the growth coral
<b>Oyster reef</b>	A large number of oysters grouped together in a colony
<b>Kelp forest</b>	A marine ecosystem where kelp grows like an underwater forest
<b>Equator</b>	The Equator is an <i>imaginary circle around Earth</i> . It divides Earth into two equal parts: the Northern Hemisphere and the Southern
<b>Mammal</b>	A mammal is an animal that breathes air, has a backbone, and grows hair at some point during its life e.g. whale, dolphin, seal
<b>Mollusc</b>	Molluscs are a group of animals with soft bodies e.g. A squid. octopus
<b>Crustacean</b>	Crustaceans are animals that usually have a hard covering, or exoskeleton, and two pairs of antennas, or feelers. E.g. crayfish, lobster
<b>Fish</b>	Aquatic animals that have gills.
<b>Pollution</b>	The presence of a harmful or poisonous substance within an