

Blue Abyss Knowledge Organiser

Subject Specific Vocabulary

Abyss	A layer of the ocean between 3000-6000m deep.
Adaptation	Becoming better suited to the environment.
Bioluminescence	The 'giving out' of light by living things.
Climate change	Long-term changes in temperature and weather.
Coral	A hard, rock-like substance.
Current	The continuous flow of water in a particular direction.
Depth	The distance from a surface to the bottom of something.
Diversity	Having a variety of living things.
Drought	Low rainfall, leading to a shortage of water.
Ecosystem	A community of interacting living things.
Flooding	The covering of normally dry land with water.
Fossil fuel	A natural fuel such as coal or gas.
Greenhouse gas	A gas that contributes to the greenhouse effect.
Marine	Of or relating to the sea.
Natural resource	Material or substance found in nature which can be used to make money.
Ocean zones	Different layers of the sea.
Oceanography	The scientific study of the oceans and everything in them.
Pollution	Damage caused when toxic or harmful substances are introduced.
Reef	A long line of rocks, coral or sand that form just below the ocean's surface.



Key Information

*There are five oceans named the Pacific, Atlantic, Indian, Southern and Arctic.

*Surrounding the UK are the following seas: The English Channel, Irish Sea and North Sea.

*There are five zones of the sea named the Sunlight Zone, the Twilight Zone, the Midnight Zone, the Abyss and the Trenches.

*Sea animals are adapted to their environments. Some animals are bioluminescent.

*The Great Barrier Reef is in Australia. It is a huge collection of coral, living organisms and ecosystems.

*The Great Barrier Reef is threatened by human activity and climate change.

*Humans contribute to climate change by burning fossil fuels. This releases greenhouse gases.

*Climate change can lead to flooding and droughts.

*Humans can help to stop the misuse of natural resources.

Topic Links

*Science - Living things and their habitats.

*English - Biography of Cornelius Drebbel.

*Art - Ocean paintings

Sticky Knowledge

*There are five oceans in the world: the Atlantic, Pacific, Indian, Arctic and Southern.

*Each ocean has five layers: the sunlight zone, the twilight zone, the midnight zone, the abyss and the trenches.

*Living organisms are adapted to survive in a marine environment.

*Climate change is an effect of global warming, which humans contribute to.