

Coastline**What should I already know?**

- A continent is a large area of land. The world's seven continents are Africa, Antarctica, Asia, Australia, Europe, North America and South America. The five oceans are the Arctic Ocean, Atlantic Ocean, Indian Ocean, Pacific Ocean and Southern Ocean.
- Positional language includes behind, next to and in front of. Directional language includes left, right, straight ahead and turn. Use the language of near and far.
- A map is a picture or drawing of an area of land or sea that can show human and physical features. A key is used to show features on a map. A map has symbols to show where things are located.
- Physical features are naturally-created features of the Earth. Physical features include beach, lake, forest, coast, hill, mountain, river, coastline, flatland and island.

**Vocabulary**

Coast	Where the land meets the sea.
Ocean	A very large sea.
Continent	A massive area of land that is separated from others by water or other natural features.
Compass	A tool used to work out what direction you are facing.
Erosion	When things are worn away or moved.
Human features	Things which you can see all around you that have been built by people.
Physical features	Things which you can see all around you that have been built by nature.
Environment	Your surroundings on earth, the environment includes things that are living and non-living.

Linked Science knowledge for the topic

Living things are those that are alive. Dead things are those that were once living but are no longer. Some things have never been alive.

By the end of the topic we will be able to...

You are going to design a coastal town that tourists would want to visit. You will need to choose a location along the coastline of the United Kingdom to place your town and describe its physical and human features. You will also need to give visitors advice for ways to stay safe during their visit.

Coastline

United Kingdom

The United Kingdom, or UK, is a union of four countries. These are England, Northern Ireland, Scotland and Wales. The UK is surrounded by four seas and oceans. These are the Atlantic Ocean, English Channel, Irish Sea and North Sea.



Coastal features

There are many features of the UK coastline.

Physical features

Physical features are naturally formed. Humans haven't made them. Rain, wind and the sea can change physical features over time.



Human features

Human features are those that have been made by humans. There are many human features on the coastline such as shops, roads and piers.



Erosion

Erosion is a natural process where materials, such as rock, sand and soil, are moved from one place to another. As waves crash against the coastline, they break off, or erode, tiny pieces of rock. Over time the coastline is worn away.

Sea defences, such as sea walls and lines of large rocks, called rip-rap, are put at the bottom of cliffs to stop erosion.

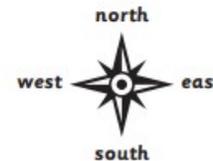


Maps

Maps are used to help people find their way from one place to another or find out where different places are. Physical and human features are marked on a map with symbols.



People will often use a compass to tell them which direction they are travelling. The main points on a compass are north, south, east and west.



Dangers at the coast

The coastline can be a dangerous place. It is important to stay safe and know what to do in an emergency.



Look for warning signs, follow advice and do not take risks.



Never go near water alone. Make sure an adult is with you.



Do not use inflatable toys or airbeds in the sea when a wind sock is blowing.



Red and yellow flags mean it is safe to swim.



Black and white flags mean it is safe for surfing, not for swimming.



Red flags mean danger. It is not safe to swim.



Check the weather forecast for bad weather.



Use safety equipment, such as a life jacket.



Call 999 in an emergency. Ask for the coastguard and they will call for the lifeboat.