



Knowledge Organiser

Geography Times and Tide

Year 3/4

Theme: Cause and Effect

Summer Term B

Prior core knowledge

Year 3

We have identified the 4 countries and 4 capital cities of the United Kingdom.

We know that the bodies of water that surround the UK are the North Sea, Irish Sea, English Channel and the Atlantic Ocean.

We live in the continent of Europe, the country of England and in the county of Essex. We also know the name of our local town or village. We live in the East of England.

There are 5 oceans in the world; Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean and Arctic Ocean.

Year 4 only

We have learnt that weather patterns change over time and that some places in the world experience extreme weathers e.g. Tornado Alley and Antarctica.

How to locate places on a globe and on a map.

We have identified human and physical features of different places including our local area, Kenya, Antarctica and a region of America.

Core knowledge for this unit

How are coasts important to people in their everyday lives? (employment, leisure and tourism, environmental)

What is coastal erosion? (the removal of material from the coast by waves, winds and tides).

How do the sea and weather shape the coast? (longshore drift and deposition)

How can we protect the coast against erosion? Give one example of soft and hard engineering. Soft engineering: Beach Nourishment or Beach Re-profiling Hard engineering: Sea Wall, Groyne, Gabion, Revetment or Rip Rap

How do different sea defences work? Protects the base of cliffs, land and buildings against erosion. Can prevent coastal flooding in some areas.

How does coastal erosion affect people's lives? It forces people to move further in land.

How do people help and harm coastal habitats? People raise awareness and try and preserve the land. Habitats are harmed by people building on them

Which counties in the East of England have coastal regions? Essex, Norfolk, Suffolk, Kent, East Sussex, West Sussex

Vocabulary

Deposition	The release of sand, rock or pebbles carried by the waves.
Coast	The land beside the sea.
Environment	All our surroundings including the air, soil, water, plants, and animals make up the environment.
Tourism	Travelling for the purposes of a holiday.
Erosion	The eating away of materials by wind or water.
Sea wall	A concrete wall built along the sea to prevent erosion.
Sea defence	Protecting the coast from the effects of erosion.
Longshore drift	The movement of beach material along the coast in the direction of the wind.
Settlement	A place where people live.