Year group:	5 & 6	Term:	AUTUMN 2	Theme:	Oceans

Prior learning

- To name and locate the 5 oceans.
- To explain the difference between seas and oceans.

Cross-curricular and visits/visitors

Knowledge

- Locational framework – to identify the world oceans and seas in Europe.
- To investigate the impact of oceans; Oceans and trade, oceans and climate, major currents.
- To link between Oceans and the land masses we've studied in depth – the Atlantic and West Wales. The Pacific and South America.
- Human impact on oceans; oceans and climate change, the human impact on oceans.
- Geographical skills: Interpreting world and thematic maps

New Vocabulary

Salinity	The concentration of dissolved salt in a given volume of water
Maritime trade	The transport of goods overseas between two countries
Freight	Goods that are carried by ships, trains, trucks, or airplanes
Ocean currents	The continuous, predictable, directional movement of seawater driven by gravity, wind (Coriolis Effect), and water density
Gyres	A large system of rotating ocean currents
Phytoplankton	Plankton that is made up of plants or plantlike organisms
Oceanic	Occurring in or frequenting the ocean
Tsunami	A large wave caused by movements in earth's outer layer, or crust, which move ocean water.
Marine life	The plants, animals, and other organisms that live in the salt water of seas or oceans

Skills (Disciplinary Knowledge)

- **Locational knowledge**: Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America.
- **Place knowledge**: A region within North or South America.
- **Mapping**: Interpreting thematic maps and satellite photographs. Use a wide range of maps, atlases, globes and digital maps to locate countries and features studied.
- **Enquiry and Investigation**: Ask more searching questions including, 'how?' and, 'why? as well as, 'where?' and 'what?' when investigating places and processes
- **Fieldwork:** Use the eight points of a compass.
- **Communication:** Identify and describe geographical features, processes (changes), and patterns. Develop their views and attitudes to critically evaluate responses to local geographical issues or events