

Year 3: Autumn 2 Weather and Environment - Oceans

Previous learning: Pupils will draw upon their knowledge of rural and urban areas (Year 1 and Year 2) Pupils will also draw upon their world knowledge of continents and deepened their knowledge by exploring countries within these continents (Year 2) Pupils will use maps to locate countries within continents, they will use this knowledge in their future topic Tsunamis. By the end of this unit, pupils will understand the impact of both physical and human geography which they will use in their future topics.

Sticky Knowledge	Disciplinary knowledge
<ol style="list-style-type: none"> 1. The Pacific is the largest ocean in the world. 2. The Indian ocean has the warmest water. 3. 12.7 million tonnes of plastic enter the ocean each year. 4. The harmful effect on marine pollution caused by plastic is immeasurable. 	<ol style="list-style-type: none"> 1. Analyse maps, atlases and globes, including digital mapping, to locate oceans and describe features studied. 2. Locate continents and oceans on a world map, including surrounding seas. 3. Use the eight points of a compass to locate a geographical feature or place on a map. 4. Explain how oceans are formed, what creatures live in them and the impact of marine pollution.

Week 1	Under the Sea party	
	To name creatures that live in the sea.	To explain how oceans provide suitable habitats for sea creatures.
Week 2	Locate the oceans and compare them by size. Use the equator to see if they are cold or warm	
	To can identify an ocean on a map and describe if it is hot or cold.	To locate the oceans on a world map and use other information including the equator to analyse whether it is warm or cold and explain why.

Week 3	How the oceans were formed	
	To identify one fact about how oceans were formed.	To provide an explanation of how oceans were formed over time.
Week 4	Locate the different habitats of different sea life on a world map	
	To locate different habitats.	To locate and answer questions about habitats and justify my answers with geographical evidence.
Week 5	Oceans and the creatures that live in them. How we can preserve them?	
	To can use books and digital media to say why it is important to preserve our oceans and sea life.	To use books and digital media to analyse the threats to the ocean and theorise about the impact of changing our behaviour and justify my viewpoint.
Week 6	Design and test floating boats	
	To design and create a working boat.	To join two different materials with a glue gun.