

# Year 4

## Spring 2

# Under the Sea



This half term, we will be studying the five oceans and looking at how they are similar/different. We will explore how the oceans are used by humans the impact this has on the ocean life. We will also explore the habitats of different animals and how they have adapted over time. We will look at classification and how different sea creatures reproduce.

To enrich our learning, we will:

- WOW entry day: Blue Planet Aquarium
- Celebration point: STEAM Day - Google expedition: The Great Barrier Reef

English	Mathematics	Humanities	Science
<p><b>Key text:</b> Belonging – Jeannie Baker</p> <p><b>Written outcomes:</b></p> <ul style="list-style-type: none"> <li>• Setting description</li> <li>• Poetry (senses)</li> <li>• Persuasive text/letter</li> <li>• Newspaper report</li> <li>• Debate (discursive text)</li> <li>• Window descriptive journal</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication &amp; division (2)</li> <li>• Measure: area</li> <li>• Fractions (1)</li> <li>• Fractions (2)</li> <li>• Decimals (1)</li> </ul>	<ul style="list-style-type: none"> <li>• Define the words 'ocean' and 'sea' and identify them in relation to continents and countries.</li> <li>• Investigate the characteristics of each of the five oceans.</li> <li>• Investigate the uses of seas and oceans, including food, fuel, transport, tourism etc. as well as how pollution can harm the ocean.</li> </ul>	<p><b>Sound</b></p> <ul style="list-style-type: none"> <li>• Identify and describe different sounds.</li> <li>• Learn that sounds are produced by vibrations</li> <li>• Use musical instruments and household materials to investigate the range of ways of producing sounds and how the pitch and volume of a sound can be altered.</li> <li>• Investigate how sound travels through solids, liquids and gases.</li> <li>• Investigate changing the pitch of sounds and they will find patterns between the pitch of a sound and the features of the object that produced it.</li> <li>• Use data logging equipment to measure the volume of various sounds and to notice that sounds get fainter as the distance from the source of the sound increases.</li> </ul>
<p><b>SMSC</b></p> <ul style="list-style-type: none"> <li>• Rule of law - Laws relating to the sea and fishing</li> <li>• Individual liberty - Making choices for ourselves</li> <li>• Moral - How can we protect sea life?</li> <li>• Cultural - How do different cultures use the sea?</li> <li>• Social - What responsibility do we have to look after the sea?</li> </ul>	<p><b>Physical Education</b></p> <ul style="list-style-type: none"> <li>• Athletics</li> </ul>		
	<p><b>Arts/Technologies</b></p> <ul style="list-style-type: none"> <li>• DT: sea toy, digital storybook</li> <li>• Art: sea creatures, mosaics</li> <li>• Music: Lean on Me</li> <li>• Computing: My Online Life3333</li> </ul>		