

## Year 5: Why are our coasts changing?

Previous learning: In Year 4 the pupils used an ordnance map to locate different areas in the UK. In Year 5, the pupils will be using an ordnance map and atlases to locate coastlines in the UK and in Europe.

Year 4 pupils observed, sketched and explained the different physical features of different rivers. In Year 5, pupils will observe, sketch and explain the physical features of coasts.

In Year 4 pupils explore the impact of human geography of the land. In Year 5, pupils will explore the impact of physical geography on the landscape- erosion.

<b>Sticky Knowledge</b>		<b>Disciplinary knowledge</b>
<ol style="list-style-type: none"> <li>1. The coast is the land among the sea.</li> <li>2. Erosion is the wearing away and removal of land caused by water.</li> <li>3. There are 2 types of delta: Fan shaped delta and Bird Foot delta.</li> <li>4. Estuaries are a drowned valley in a low-lying coast.</li> <li>5. Coasts can be rapidly changing.</li> </ol>		<ol style="list-style-type: none"> <li>1. Use compass points, 6 grid references and scale to interpret maps, including Ordnance Survey maps, with accuracy.</li> <li>2. Use six-figure grid references and keys to describe the location of objects and places on a map.</li> <li>3. Identify, name and describe estuaries and types of delta.</li> <li>4. To describe how coasts are changing.</li> </ol>
Week 1	British Beach day - Sharing memories of our times at the coast, eating ice cream/donuts, looking at postcards	
	<b>To say where estuaries are found.</b>	<b>To locate estuaries within the UK.</b>
Week 2	Features of a coastline, e.g .Delta, headland, bay, beach, cliff and estuaries. Use the east coast as an example.	
	<b>To identify features of a coastline.</b>	<b>To explain how some features of a coastline are formed.</b>
Week 3	Identify a coast on an ordnance map. Find ones close to where we are? Signs and symbols on a map.	
	<b>To say where coastlines are found in our local area.</b>	<b>To identify features of a coastline on an ordnance map.</b>

Week 4	How do cliffs erode? What impact does the sea have on land erosion?	
	<b>To use a field study to explain what erosion is.</b>	<b>To use a field study to explain the impact different types of erosion have on the shape of cliffs.</b>
Week 5	How are beaches formed? Human and natural geography effects on the coast line?	
	<b>To say where beaches are found.</b>	<b>To explain how beaches are formed over time and the impact of sea defences.</b>
Week 6	Art/DT - Designing something that will ease corrosion.	
	<b>To use knowledge of different types of erosion to create a model to help prevent erosion.</b>	<b>To plan, use knowledge of different types of erosion and evaluate a model.</b>