

## Year 4 – Summer – Why don't all beaches have sand?

- understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country
- name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers),
- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
- use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies

## Previous Learning

- -Year 3 comparison study between local area and south American settlement
- - Build on place identified in previous term
- Year 1, 2 and 3 looking at maps and atlases
- Field sketches Year 1 – Title and Date, Year 2 – Key feature labels, Year 3- Include other prominent features for reference

Objective and Success Criteria	Coverage	Key Questions	Children should be able to	Resources
To compare physical features of locations	<ul style="list-style-type: none"> <li>- Look at the physical coastal features on Swanage (bays, heads, points, arches etc)</li> <li>- Consider the weather and sea temperature/currents</li> <li>- Look at a coastal area of Europe</li> <li>- Compare the weather, sea and coastal features</li> <li>- Notice what is the same and what is different</li> <li>- Think about how rock type and weather impacts the different coastal features</li> </ul>	<ul style="list-style-type: none"> <li>- What's the same</li> <li>- What's different</li> <li>- What might it be like to visit?</li> </ul>	<ul style="list-style-type: none"> <li>- Say a physical difference between Swanage and a coastal area of Europe</li> </ul>	<p>Espresso has some coast resources</p> <p><a href="#">Coasts – videos</a></p> <p><a href="#">Coasts – info</a></p> <p><a href="#">Dorset coast</a></p> <p>Maps of relevant locations</p>
To compare human features of locations	<ul style="list-style-type: none"> <li>- Look at the human features in the Swanage area (jobs, settlements, land-use)</li> <li>- Compare to the same human features of the European coastal area</li> </ul>	<ul style="list-style-type: none"> <li>- What's the same</li> <li>- What's different</li> <li>- What would it be like to live there?</li> <li>- Why do you think people choose to build with.....?</li> </ul>	<ul style="list-style-type: none"> <li>- Say a human difference between Swanage and a coastal area of Europe</li> </ul>	

	<ul style="list-style-type: none"> <li>- Think about how they are the same and how they are different</li> <li>- Discuss how the physical features of have impacted the human features of the area</li> </ul>			
To locate places on a map	<ul style="list-style-type: none"> <li>- Re-cap how you might use maps/atlases</li> <li>- Look up where Swanage is</li> <li>- See what else is near-by</li> <li>- Have a look at other large British towns on the coast</li> <li>- Find the country of the comparison town</li> <li>- Look at where in Europe it is</li> <li>- Find which other European countries have coast lines</li> </ul>	<ul style="list-style-type: none"> <li>- Where is....?</li> <li>- Which country has a coast line?</li> <li>- Can you name a town on the coast?</li> </ul>	<ul style="list-style-type: none"> <li>- Locate Swanage on a map of the U.K</li> <li>- Locate the comparison town on a map of Europe</li> </ul>	
To understand how coastal processes create beaches	<ul style="list-style-type: none"> <li>- Look at how waves erode cliffs</li> <li>- Discuss how different rocks erode differently</li> <li>- Look at how the currents move sediments around</li> <li>- Discuss the different sizes of pebbles, stones, sand</li> <li>- Look at how sand is moved down the beach</li> </ul>	<p>What is different about these beaches?</p> <p>Where do you think the material came from?</p> <p>What might happen to this part of the coast in the future?</p>	<ul style="list-style-type: none"> <li>- Explain how a coast might erode</li> </ul>	
To use the 8 points of a compass	<ul style="list-style-type: none"> <li>- Re-cap the 8-points of the compass</li> <li>- Work out which way is north</li> <li>- Use compass directions to explain the relationship between locations</li> <li>- Use compass directions to give directions to a location</li> </ul>	<p>Which way is north?</p> <p>How do you know?</p> <p>In what direction is....?</p>	<ul style="list-style-type: none"> <li>- Explain the 8 points of a compass</li> </ul>	
To create a field sketch	<ul style="list-style-type: none"> <li>- Re-cap features of field sketches so far.</li> <li>- Discuss what features you will be focusing on – coastal features</li> </ul>	<p>What do we need to include?</p> <p>What features are we focused on?</p>	<ul style="list-style-type: none"> <li>- Create a field sketch with the relevant features</li> </ul>	

	<ul style="list-style-type: none"><li>- Think about what detail will be needed</li><li>- Consider how to represent foreground and background using perspective</li><li>- Create a field sketch</li></ul>	What's important?  How could you show perspective?		
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**Assessment Questions**

How is (insert relevant city) different to Swanage?

Do all beaches have sand?