

Year 3 – The Blue Abyss Responsible Citizenship



What is a coast?



Let's take a journey to where the land meets the sea. Throughout this unit of work, we will be exploring coastal regions. We will be using maps to explore the North Yorkshire coastline and investigate how its shape is constantly changing and evolving. We will build on the work we have done on the benefits of tourism to consider the negative impact that it can have on coastal areas. We will also be exploring serious environmental issues impacting on our coast lines such as global warming and pollution.

Core Texts



In geography, pupils will know:

- A coast is an area where the land meets the sea.
- Some parts of Yorkshire have a coast line, including Scarborough and Filey.
- Waves are created by the movement of air across the sea. Tides are created by the gravitational pull of the moon.
- That coasts are constantly changing shape.
- Where there is harder and softer rock, the softer rock will erode more quickly and can form bays. The harder rock erodes more slowly and can form headlands.
- Over time, waves cause cracks to open in cliffs forming caves.
- If a cave forms in a headland, it may break causing an arch to form.
- The top of the arch can weaken and may collapse into the sea leaving a stack.
- Over time, the stack will erode leaving a small stump of rock.
- Coastal erosion can threaten land use, and so beach protection measures such as groynes, and sea walls are created.
- That tourism to coastal regions can have a negative impact on the environment. Litter and other forms of pollution can have a significant impact on ocean animals and habitats.
- That global warming is a serious threat facing our planet today.

Personal, Social, Health and Citizenship

- I can work as part of a group to plan a project which improves the local community.
- I can discuss the issue of landfill and the importance of recycling.
- I can discuss the issue of climate change and ways that they can help.
- I can discuss the issue of deforestation.
- I can discuss how water scarcity affects lives.

Key Vocabulary

beach cave
erosion harbour pier
stacks stumps arches
tourism bay
headland cliff
deposition stack
transportation sand
pebble stump
shingle groynes sea
walls pollution litter

Think... 'Ocean pollution is something only those people who live by the coast need to think about.'



Geography Skills

- Reason about key physical and human characteristics of regions studied.
- Use junior atlases, globes and satellite images to locate and investigate places studied.
- Follow 4 figure grid references to locate features on a map.
- Ask and answer geographical questions.

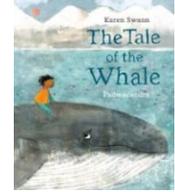
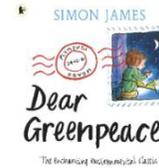
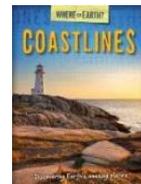
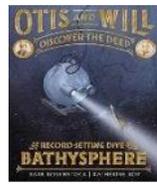
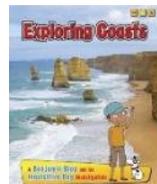
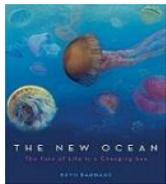
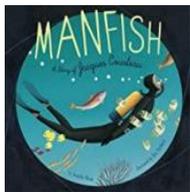
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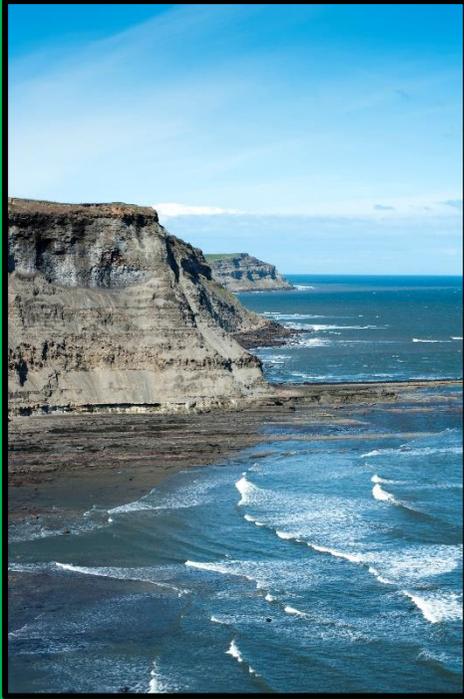
Home Learning Ideas

<p>Watch this video about plastic pollution</p> <p>https://www.youtube.com/watch?v=VUUUxOI715s&t=9s</p>	<p>Research about the artist Renoir and find out about his artistic style and the paintings he has done.</p>	<p>Create a piece of artwork showing an ocean scene using recycled materials</p>
<p>Find out about costal erosion and how this is affecting people who live near coastal areas.</p>		<p>Complete a litter pick in your local area with your parents.</p>
<p>Create a poster showing the lifecycle of a plastic bottle.</p>	<p>Help your parents to recycle by separating the rubbish and putting it in the correct coloured bins.</p>	<p>Find a pebble/rock and decorate it to show an effect of global warming.</p>

Reading List – Topic Linked



The Blue Abyss



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