



## Year 4 Geography Project- Coasts

A coastline is where land meets the sea. This area of land is constantly changing and reshaping. Around the world there are many towns that have been built around these coastlines which are visited by large numbers of tourists each year. In our geography project this week we want you to investigate a coastal town in the UK. You can choose which coastal town you would like to investigate (this may be one you have visited before) however we have included some suggestions of towns that you could investigate: St Ives (Cornwall), Brighton, Blackpool, Llandudno, Tenby, Bournemouth.

Each day we want you to investigate a different geographical feature linked to coastal areas. Work can be presented in a way of your choice, there are some ideas of different apps/programmes you might want to use below, or you can do this on paper and take photographs. We have also included some links to useful websites you might want to visit to help you with your work.

### **Monday: Locational knowledge**

- Today we want you to investigate the location of your chosen coastal town.
- Using maps, atlases, globes, Google Earth can you locate the UK and the coastal town you have chosen?
- Which sea can you visit at your coastal town?
- Can you name any of the local towns that are near your chosen location?
- Which part of the UK is your chosen location in? (England, Ireland, Scotland or Wales).
- Which county is your location in? E.g. Cheshire.
- How far away is this town from Wilmslow?
- Is your town bigger or smaller than Wilmslow?

### **Tuesday: What is a coast?**

- Watch <https://www.bbc.co.uk/bitesize/clips/zc2pvcw> to find out how beaches form.
- Visit <https://www.dkfindout.com/uk/earth/coasts/> to find out about the many different features of a coast.
- Make a glossary to explain what the different features of a coastline are.
- Draw and label (or make a model) of a coast showing the key features.
- If you fancy a challenge, try completing this quiz <https://www.educationquizzes.com/ks2/geography/coasts/> to see how much you have found out!



## **Wednesday: Coastal erosion**

- Today we want you to investigate coastal erosion and the problems it causes. Coastal erosion is the wearing away of land by the sea, caused by destructive waves crashing into the land that joins it.
- Watch the following videos to find out more about coastal erosion.  
<https://www.bbc.co.uk/bitesize/clips/z8tyr82>  
<https://www.bbc.co.uk/bitesize/clips/z7fr87h>
- In your own words can you explain coastal erosion and the problems it causes?
- Research different methods that are used to reduce the effects of coastal erosion.
- Can you find out about the impact of coastal erosion on the environment?

## **Thursday: Investigating the physical features of your chosen coastline**

- Today we are going to look closely at the location you have chosen and try to identify the features of its coastline.
- Use the internet (or photographs if you have been to the location) and look to see if you can spot any cliffs, caves, arches, stumps or stacks.
- Is there a beach? Is it a sandy or stony beach?
- Are there any sand dunes?
- Are there any salt marshes?
- Investigate the tides - what time is high tide and low tide?
- Can you find where the sea meets with any rivers? What is/are the rivers called?
- If you can find any older pictures of the coastline, look carefully to see if anything has changed? What might have caused this change over time?

## **Friday: Human Features**

- Human features of a coastline are those that have been built/constructed by humans and have not formed naturally e.g. hotels, a pier.
- Using the internet, photographs, maps, tourist guides look to see how many different human features you can find in your chosen location.
- Tourism brings a lot of money to coastal towns and provides large numbers of jobs for people in these areas. However, tourism can also have a negative impact on the environment. How many positives and negatives can you come up with for tourism in a coastal area?
- What is the impact of tourism on plants and animals?



# Ashdene Primary School

## **Useful websites to visit**

<https://www.nationalgeographic.com/science/earth/surface-of-the-earth/coastlines/>

<https://www.dkfindout.com/uk/earth/coasts/>

<https://www.3dgeography.co.uk/coastal-geography>

<https://kids.kiddle.co/Coast#:~:text=A%20coastline%20or%20a%20seashore,sea%20and%20land%20processes%20occurs.>

<https://kids.britannica.com/kids/article/coast/476241>

<http://www.onegeology.org/extra/kids/earthProcesses/coasts.html>

<https://www.everyschool.co.uk/geography-key-stage-2-coasts.html>

## **Some ideas for how to present your work**

- Power Point
- Word
- Make an E book - Download free Book Creator app and save as PDF to upload
- Make a Popplet - Download free app Popplet Lite then save as PDF to upload
- Create your own poster
- Make an iMovie
- Make a PicCollage

You do not have to choose an idea from this list. If you are feeling creative and have a different way to present what you have found out you can. These are just ideas!

We would love to see your hard work so please send us an email on the class accounts [4G@ashdeneschool.net](mailto:4G@ashdeneschool.net) or [4C@ashdeneschool.net](mailto:4C@ashdeneschool.net) or post on the school twitter account.