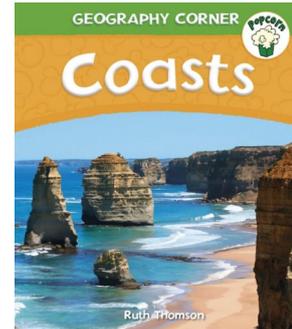
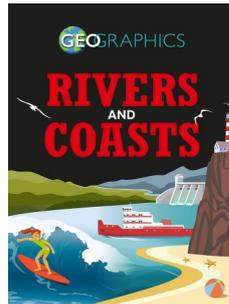
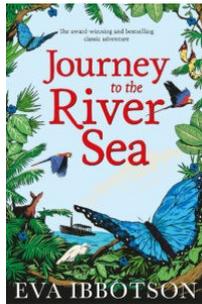
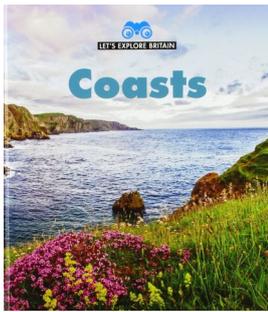


### Theme Overview

Our Autumn 2 unit is called “Coast to Coast”, and focusses on the similarities and differences between the Portsmouth coastline and that of Bilbao, Spain. We will identify the features of a coastal area, and understand the need for coastal defences. The children will then apply this knowledge to Portsmouth’s coastline, including the Historic Dockyard, and that of Bilbao’s in Spain, comparing and contrasting these locations and understanding the impact of Historical events on the present day.

### Recommended Reading...



### Coasts and Sea Defences

There are many features that distinguish coasts from other ecosystems. The coast is where the land meets the sea, and includes features like beaches, cliffs, sand, pebbles, rock pools and caves. Coastal erosion can cause different features to form like caves, arches, stacks and stumps. The coast can look different everywhere because the sea is constantly bashing the edge of the land; some rock is soft and some is hard, so they erode at different rates. To slow this process down, sea defences are built to protect the land.

We cannot stop the sea eroding our coastline, but we can stop it by using sea defences. These can include sea walls, planting vegetation and groynes. These (and more) can be seen along Southsea seafront, where they are continuing to install new sea defences.



### RE: The Holy Mary

Through our R.E. unit of the Holy Mary, the children will enquire about what it means to be ‘holy’. If you describe something as holy, you mean that it is considered to be special, perhaps because it is connected with God or a particular religion. The children will explore what holy means to them, and how it can be applied to our personal lives.

### Computing: Audio Production

To work with sound digitally, you require an input device (microphone) and an output device (speaker or headphones). To record your own audio, you can use free software (like Audacity); through this software, you can produce podcasts by editing audio, adding different tracks and opening and saving the files. It is important to consider the ownership of digital audio and copyright implications.



## Key Vocabulary you should discuss with your child

**Cliff:** a steep rock face, at the edge of the sea

**Climate:** the prevailing weather conditions in an area

**Erosion:** the gradual destruction of something by wind, water or other natural agents

**Equator:** an imaginary circle round the Earth, situated an equal distance from the two poles, at 0 degrees latitude

**Latitude:** the distance north or south of the equator measured in degrees

**Longitude:** distance measured in degrees east or west from the Greenwich Meridian

**Tourism:** people travelling to and staying in places outside their usual environment

**Timbre:** the perceived sound quality of a musical note, sound or tone.

**Texture:** how the tempo, melodic, and harmonic materials are combined in a musical composition.

**Input device:** a piece of equipment used to provide data and control signals to an information processing system.

**Output device:** a piece of hardware used to receive data from the computer and convert it into a human-perceptible form.



### Concept Flow

To identify the features of a coastal area and understand the need for sea defences. To understand the history of Portsmouth's coastline and compare it to Bilbao's. To understand the impact of historic coastal events on the present day.



To research different types of sandwich biscuits and their packaging. To design appealing packaging and sandwich biscuits. To prepare an appealing dish and packaging using a range of cookery techniques. To evaluate ideas and products against success criteria.

To identify that sound can be recorded. To explain that audio recordings can be edited and recognise the different parts. To apply audio editing skills independently and combine audio to enhance the outcome.

Please talk to your children about the information on this sheet. The more children discuss their learning the more likely they are to embed the learning to their memory. If you have any questions please don't hesitate to contact your child's class teacher.

