

Planet Earth, planet ocean activity:

The ocean covers a huge percentage of the Earth's surface, and each of the five ocean basins has its own unique features. Plate tectonics have pushed continents apart to make these basins, the movement of water has shaped our coastlines, and the world's climate affects the biological range of animals in the ocean.

This activity invites students to explore the different aspects of our oceans by researching the key features of each one.

Divide your students into groups and give each group an ocean to investigate. Ask them to research their ocean, completing the Ocean worksheet below to create their own fact file.

Being as creative as possible, each group should then make a presentation to represent their ocean and explain their findings to the rest of the class.

Activity Learning Objectives:

Students will be able to name the five ocean basins, as well as understand the principal characteristics of each one. They will also be able to understand the movement of water around the

What you will need:

- Coloured pens
- Ocean worksheet

Further work:

As there is one big ocean that is fully interconnected, the main movement of water is controlled by the global ocean currents also known as the Global Ocean Conveyor Belt. Students can do further research into this and show how water moves around the

Geography links to other Ocean Literacy Principles:

Principle 2:

Using a geological map showing the rock types of your country, identify any areas that may be particularly prone to erosion.

Can you find any stories in the news of wave damage to coastal properties? How could these homes be

Principle 5:

Use the world map to identify other important areas of ocean biodiversity, in particular where this is closely interconnected with coastal environments and human impact.

Principle 6:

Using global ocean circulation, show the potential places that a piece of rubbish could end up if dropped into the sea by someone in your country.

Ocean Worksheet- Your ocean basin- _____

<p>Ocean Area:</p>	<p>Ocean volume:</p>	<p>Label the oceans and shade in your ocean basin:</p> 	<p>Border countries:</p>	<p>Other interesting facts:</p>
<p>Max depth:</p>	<p>Mean depth:</p>			