

GEOGRAPHY

Pupil year: **Lower 4 (Yr 8)**

Head of Department: **Miss K Williamson**

SUBJECT OVERVIEW

In Lower 4 the curriculum helps pupils enhance understanding and knowledge of places and global issues. Interdependence becomes an important theme and pupils explore the world at different scales. We continue to explore new graphical and GIS skills. Field trips run to the Eden Project, the Met Office and the Jurassic coast.

Subject / Topic

Skills / Attitudes

Ecosystems

- Distribution of major Biomes. Food webs and chains. Adaptations of plants and animals Threats to Coral Reef ecosystems and survival in Desert environments

- Debating and synthesising arguments in extended writing and presentations
- Analysis and construction of climate graphs. –drawing annotated diagrams. Measuring the weather / climate graph analysis/ in local fieldwork
- Using GIS to plot fieldwork data
- Developing graphical skills using Excel

Amazonia

- How well does the rainforest work? Should people be allowed to destroy the Amazon? What can be learnt from Indigenous tribes

Weather

- What affects the climate of the British Isles? What is the climate like? Low pressure systems. Weather forecasting. Researching micro-climates

Coasts

- Formation of waves. Exploring erosion and deposition. Managing the coastline

Crime And Conflict

- Crime in war zones. The trade of Conflict Diamonds. The War in Afghanistan and the links to international crime. Impact of War on development