

GEOGRAPHY

Student 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. A field trip runs to the Coast to complete fieldwork and take part in a decision making exercise.

Subject / Topic

Skills / Attitudes

Population

Causes of population change, factors affecting birth and death rate. How populations can be predicted and how they change over time. The ways populations can be managed through population policies and the challenges of our changing UK population.

Power and Borders

Understanding why we have borders and thinking about how territory is influenced. Considering the opportunities and challenges of migration. Migration between Mexico and the USA. Conflict in the Middle East. Technological borders and control in China and changing borders - Brexit.

Dynamic Landscapes

Considering Earth History and Geological timescales. Continental Drift. Geological Hazards. The rock cycle and rock identification.

Coasts

Wave formation and characteristics, landforms of erosion and deposition. The challenges of coastal management.

Coastal Fieldwork

Fieldwork at the end of Lower 4 is designed to encourage our girls to develop enquiry skills and think through how to design an enquiry, write a methodology and collect data. We use graphical techniques and GIS to present results. Girls learn how to conclude and evaluate their research.

- 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.