

AGE 11-12

- (A) Mapwork (ordnance Survey maps; fieldwork)
- (B) Physical geography: tectonic, meteorological and geomorphological processes in more detail
- (C) Optional topic Renaissance Exploration

(A) Mapwork

- (i) Further Ordnance Survey map-work skills

Orientation: (revise 8 points of the compass); 6 figure grid references; distance; area; follow routes; identify relief and landscape features (slope steepness, plateau, flood plain, valley, headland, bay etc.)

Study shaded (choropleth) maps; annotated sketch maps; flow maps, annotated field sketches and photographs

- (ii) Fieldwork and enquiry skills

Designing and using questionnaires; sampling; surveys.

(B) Physical geography

- (i) **Tectonic processes:**

Study constructive and destructive boundaries and what causes them to move

Study the global distribution of earthquakes and volcanoes

- (ii) **Meteorological processes:**

Study microclimates

Case study: the causes of temperature and rainfall variation from place to place in the British Isles

- (iii) **Geomorphological processes:**

Study transportation and deposition in understanding the development of the following landforms:

valley, waterfall, gorge, meander, caves, arches, stacks, stumps, beaches, spits

Study the causes and effects of and responses to a flood.

(C) Optional topic Renaissance Exploration c.1500s - 1600s

1. Amerigo Vespucci
2. Cortes
3. Pizarro
4. Magellan
5. Drake
6. Northeast passage