

Unit 1: Theme C – The Restless Earth

Basic Rock Types

- Sedimentary rock – Limestone and Sandstone
- Igneous rock – Basalt and Granite
- Metamorphic rock – Slate and Marble

Plate Tectonic Theory

- Formation of the Earth – Core, Mantle and Crust
- Plates and convection currents
- Plate margins
 - Constructive margins
 - Destructive margins
 - Collision margins
 - Conservative margins



Tectonic Activity in Britain

- Landscape features
 - Lava Plateau
 - Basalt Columns
 - Volcanic Plugs

Earthquakes: Can they be Managed?

- Global distribution of Earthquakes
- Consequences of Earthquakes
 - Liquefaction
 - Tsunami

CASE STUDIES

Causes and impacts of an Earthquake in the British Isles	
Causes, impacts and management of an Earthquake in a LEDC	
Causes, impacts and management of Earthquake in an MEDC	

KEY WORDS

Core
Mantle
Crust
Convection current
Plate
Plate margin
Mid-ocean ridge
Ocean trench
Subduction Zone
Fault line
Volcano
Volcanic Plug
Lava Plateau
Earthquake
Richter Scale
Seismograph
Epicentre
Focus
Liquefaction
Tsunami