

Fundamentals Year 8

Year 8 Fundamentals:

Knowledge	Skills
Unit 1:	Development Gap
<ul style="list-style-type: none"> • How to measure development • Development indicators • How to apply data to mapping • Causes for the development gap • What a TNC is • The issues around sweatshops • Imports, exports and trade, including deficit • The role of different types of aid • What fair trade is and aims to do • What water aid is • What food miles are 	<ul style="list-style-type: none"> • Identify indicators of development • Define development • Explain the role of TNCs in development with examples • Describe the issues surrounding sweatshops • Identify different types of aid and trade • Apply knowledge of a water aid scheme to explain the process of development • Relate learning of food miles to other contexts and environmental concerns.
Unit 2	Tectonics
<ul style="list-style-type: none"> • The structure of the earth • The location of the major tectonic plates • The causes for the movement of the plates and resultant features • The ways in which earthquakes are measured • Case study detail of a HIC and LIC earthquake • The causes of tsunamis • Features of a volcano • The effects of volcanoes • How to make a decision based on information • 	<ul style="list-style-type: none"> • Identify patterns on a map • Locate countries • Draw annotated diagrams of tectonic boundaries and resultant features • Explain the effects of volcanoes and earthquakes with examples • Apply learning to a range of contexts and situations
Unit 3	Weather and Climate
<ul style="list-style-type: none"> • Patterns of climate change • Examples of flooding in the UK • Examples of flooding in Bangladesh • The formation of hurricanes • Case study details of a hurricane • The environmental effects of climate change 	<ul style="list-style-type: none"> • Identify and pick out data from available resources • Spot trends and anomalies • Recall and apply case study detail of a UK flood • Recall and apply case study detail of flooding in Bangladesh • Describe the environmental effects of climate change

<ul style="list-style-type: none"> The human impacts of climate change 	<ul style="list-style-type: none"> Explain the human effects of climate change Draw an annotated diagram to show the characteristics of a hurricane Describe the impacts of hurricanes with examples
Unit 4	Glaciation
<ul style="list-style-type: none"> The formation of glaciers The processes of erosion The characteristic of glaciers The location of glacial environments worldwide and in the UK Erosional landforms created by glaciers Depositional features caused by glaciation The use of glacial environments 	<ul style="list-style-type: none"> Draw annotated diagrams of glacial features and processes Identify features on an OS map Explain the formation of erosional features Explain the use of glacial environments with examples
Unit 5	Resources
<ul style="list-style-type: none"> What supply is What demand is What fossil fuels are and their formation How to define a finite resources Alternative energy sources The process of solar energy generation The role of soil The process of desertification Strategies to manage desertification 	<ul style="list-style-type: none"> Define supply and demand with examples Draw and explain the product life cycle model Define and explain with examples the formation of fossil fuels Define sustainability List alternative energy product techniques Describe desertification Give examples of strategies to manage desertification
Unit 6	China
<ul style="list-style-type: none"> The physical geography of China The human geography of China How China has changed through time The impacts of Chinas growth What Tibet is like How China is aiming to meet its energy requirements sustainably 	<ul style="list-style-type: none"> Locate features on a map Read and interpret an atlas Use a key to identify human and physical geography Describe the characteristics of different regions and compare them To describe and explain the impacts of an increasing population Explain case study detail to energy generation in China and the resultant impacts



Cecil Jones Academy Geography Fundamentals Map