

Roundwood Park School Curriculum Map – SUBJECT (YEAR 9)

A curriculum that stimulates curiosity, values diversity and offers challenge.

We help every student to love learning for life, to follow their passions and to reach their full potential.

Year group 9	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Unit of Work	Restless Earth	Glaciation / coasts	Coasts	Development	Weather and Climate	Ecosystems
Key knowledge Or Enquiry Question	- Structure of the earth - Volcanoes - Earthquakes - Tsunami	- Ice –Age - Glacial processes - Glacial Landforms - Tourism - Coasts - Wave types	- Coastal erosion - Coastal transportation and deposition - Coastal landforms - Coastal Management - DME Coastal management	- Measuring Development - Trade & development - Reducing the development gap - Aid - China – growth and implication of growth	- Climate - Weather - Tropical cyclones - Britain's changeable weather - Global ecosystems	- Rainforests - Ecotourism - Hot deserts - Savannah grasslands - Safari tourism
Concepts	• place • space • scale • physical and human processes • sustainable development	• place • scale • interdependence • physical and human processes • environmental impact • cultural awareness	• place • interdependence • physical and human processes • sustainable development	• place • space • scale • interdependence • sustainable development • cultural awareness • cultural diversity	• place • space • scale • interdependence • physical and human processes • environmental impact	• place • space • scale • interdependence • physical and human processes • environmental impact • sustainable development • cultural awareness • cultural diversity
Key Vocabulary	Crust, mantle, outer core, inner core Lava, magma Convection currents Destructive, conservative, constructive and collision Hazard Shield and composite volcanoes Magnitude, Richter scale Predict, prepare, protect	Ice age Glacier Erosion, plucking, freeze-thaw, abrasion Corrie, moraine, tarn, arete, pyramidal peak, U-Shaped valley, ribbon lake	Fetch, swash, backwash, longshore drift, constructive and destructive waves Erosion, transportation, deposition Hydraulic action, abrasion, solution, attrition Traction, saltation, solution, suspension Groynes, revetments, sea wall	GDP (Gross domestic product) HDI (Human development Index) Quality of life Development indicators TNCs (transnational corporations) FDI (Foreign Direct Investment) Economic, social, environmental	Air pressure Precipitation Coriolis effect Biome Ecosystem Tropic storms / cyclones, typhoons Latitude Altitude Ocean currents	Biome Ecosystem Ecology
ASPIRE habits	Question	Persevere	Think logically	Respect all	Make links	Collaboration
Reading opportunities	Running Wild, by Michael Morpurgo When the Mountain Broke – Eoin Colfer	Notes from a small island by Bill Bryson	The Shell Seekers High Tide: News from a Warming World – Mark Lynas.	The Hunger Games series by Suzanne Collins	The Chase – Juliet McNurly Violent Earth / The Weather Detective – Peter Wohlleben.	The Explorer – Katherine Rundell The Leaf Thief / Fictionalized Amazon Extracts.
Oracy	Earthquake gossip grid	Explaining glacial landforms	Hard v's soft engineering - DME	Decision Making Exercise - Babati - best solution	Fieldwork: Collaboration collecting field data	Rainforest presentations
Assessment	Comparing earthquakes	End of unit test -tectonics, coasts, glaciers		End of unit test	Micro climates assessment	End of year test