

Curriculum Journey 2025-2026
Subject: Geography
Exam board: Edexcel

Year 10	Half Term 1	Half term 2	Half Term 3	Half Term 4	Half term 5	Half Term 6
Topic	<p>Ecosystems, biodiversity and management</p> <p>Where are large scale ecosystems located? What factors influence global ecosystems? How do we use the biosphere? What are the characteristics of the ecosystems in the UK. What are the characteristics of the rainforest? Why is the rainforest being deforested? How are tropical rainforests being</p>	<p>Climate Change</p> <p>What creates weather patterns? What affects global temperature? What are the natural causes of climate change? What are the human causes of climate change? What are the impacts of climate change? What factors affect UK climate?</p>	<p>Weather Hazards</p> <p>How do tropical cyclones form? – Physical processes of tropical cyclone formation. How did Typhoon Haiyan affect the Philippines? How did Hurricane Sandy affect America? Why do droughts occur? How did drought affect Namibia? How did drought affect California?</p>	<p>UK Physical Landscapes and River Landscapes</p> <p>What is the geology of the UK? How do physical factors affect the landscape? How do human factors affect the landscape? How do physical processes shape landscapes? How does the river change down its course? How do rivers create landforms by erosion? How do rivers create landforms by erosion and deposition?</p>	<p>Coastal landscapes</p> <p>How are coastlines shaped by erosion? Why do some coastlines erode more than others? How are coastlines changed by deposition? Why is the coastline receding? How can we prevent coastal erosion?</p>	<p>Geographical Investigations: Fieldwork and UK challenges</p> <p>Where are we doing our river fieldwork? How do we carry out River fieldwork? What will the exam ask us about our fieldwork? How can we present our data from the fieldwork? What is our evaluation of our fieldwork?</p>



	<p>managed sustainably? – What are the characteristics of deciduous woodland? – How is the deciduous forest being managed? – How do nutrients cycle around the ecosystem? How does climate change affect the biome?</p>			<p>How do rivers create landforms by deposition? What factors affect the river to cause river flooding? How can we prevent rivers flooding? How does a river change during a flood?</p>		
Vocabulary	<p>Biome Ecosystem Altitude Adaptation Biotic Abiotic Biosphere Nutrient cycle Deforestation Afforestation Ecotourism</p>	<p>Global atmospheric circulation Air cell High Pressure Low Pressure Enhanced Greenhouse effect Climate Change Milankovitch cycles</p>	<p>Tropical Cyclone Drought, Primary impact Secondary impact Immediate response Long term response Developed Emerging</p>	<p>Geology Igneous Metamorphic Sedimentary Mass movement Weathering Erosion Deposition Transportation Relief Fluvial Long profile Permeable Impermeable Hard engineering Channelisation Soft engineering Hydrograph</p>	<p>Destructive and constructive waves Fetch Discordant coastline Headland and Bay Cave, arch, stack, stump Wave cut platform Spit Bar Longshore drift Beach nourishment Hard engineering Soft engineering</p>	<p>Fieldwork Primary data Secondary data Quantitative Qualitative River Clywedog Width Depth Velocity Data presentation Risk assessment</p>



Assessment	Formative assessment through past paper questions in lessons. Milestone 1 – Timed in class exam questions.	Formative assessment through past paper questions in lessons. Milestone 2 – Timed in class exam questions.	Formative assessment through past paper questions in lessons. Summative Assessment 3 – Timed in class exam questions.	Formative assessment through past paper questions in lessons. Milestone 3 – Timed in class exam questions.	Formative assessment through past paper questions in lessons. Milestone 4 – Timed in class exam questions	Formative assessment through past paper questions in lessons. Mock Exam – Paper 1 Physical Geography
Links to prior learning	Y7 – Development Weather, Climate, Ecosystems, Y8 - Africa, Asia Y9 – Russia, Middle East, TNCs	Y7 - Weather, Climate, Microclimates Y8 - Climate, Climate change, Africa, Asia Y9 – Middle east, Russia Year 10 – location and characteristics of ecosystems	Y7 – Development, weather Y8 – Climate change, Africa, Asia	Y8 – Rivers, erosion, waves, coasts, Formby coastline, Africa, Asia Y9 – Glaciers and Erosion	Y8 – Rivers, erosion, waves, coasts, Formby coastline, Africa, Asia Y9 – Glaciers and Erosion	Y8 – Rivers, erosion, waves, coasts, Formby coastline, Africa Y9 – Glaciers and Erosion Y10 – Rivers and coasts
Catholic Social Teaching	Stewardship Common Good Rights and responsibilities Participation Solidarity Option for the poor	Stewardship Human Dignity Common Good Solidarity Option for the poor Rights and responsibilities Participation Subsidiarity	Stewardship Common Good Solidarity Option for the poor Rights and responsibilities Participation Stewardship	Common Good Solidarity Rights and responsibilities Stewardship	Common Good Solidarity Stewardship Option for the poor Rights and responsibilities Participation	Common Good Solidarity Option for the poor Rights and responsibilities Stewardship Participation



<p>Careers and Personal Development links</p>	<p>Marine Conservationist, Environmental Consultant Development Worker Policy Analyst (Global Trade), Climate Scientist, Energy Analyst, Sustainability Consultant, Environmental Policy Advisor, Ecologist</p>	<p>Disaster Risk Manager, Hazard Planner/ Emergency Planner, Climate Scientist, Energy Analyst, Sustainability Consultant, Environmental Policy Advisor, GIS Analyst (Geographical Information Systems), Meteorologist</p>	<p>Disaster Risk Manager, Hazard Planner/ Emergency Planner, Climate Scientist, Energy Analyst, Sustainability Consultant, Environmental Policy Advisor, GIS Analyst (Geographical Information Systems), Meteorologist Emergency Aid Worker</p>	<p>Seismologist, Environmental Consultant, Local Government Officer (Planning/Regeneration), Urban Planner, Environmental Policy Advisor, GIS Analyst (Geographical Information Systems), Ecologist Hydrologist</p>	<p>Emergency Planner, Coastal Engineer, Marine, Conservationist, Local Government Officer (Planning/Regeneration), Urban Planner, Transport Sustainability Consultant, Environmental Policy Advisor, GIS Analyst (Geographical Information Systems)</p>	<p>Researcher Hydrologist Ranger Environmental consultant Cartographer Data analyst</p>
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