

Striving For Excellence Together

Curriculum Map GEOGRAPHY

<p>Key Concepts: (Threshold Concepts) <i>State the big ideas or skills that students will revisit throughout the curriculum</i></p>	<p>Adaptation; Causality; Equilibrium; Feedback; Globalisation; Identity; Inequality; Interdependence; Mitigation; Place; Power; Representation; Resilience; Risk; Scale; Sustainability; System; Threshold</p> <p>The above key concepts are based on the specialised terms that underpin all Geography A level courses. Our curriculum has been sequenced so as to interweave these concepts throughout the key stages and allow opportunities to deepen and consolidate understanding over time.</p>
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7	Topics	Assessment	Key Concepts	Key Vocabulary	Our Pillars	Knowledge tracking
Topic 1	GEOGRAPHICAL SKILLS: HOW CAN I MAKE SENSE OF THE GEOGRAPHY AROUND ME?	Map skills assessment A 20 question test demanding short mark answers, sat at the end of the topic	Identity Place Representation Scale	Physical, Human and Environmental Geography; Lines of latitude and longitude; Equator; Tropic of Cancer and Capricorn; Grid references; Relief	Life Beyond SWR Life After SWR	Links to all topics across the rest of the Geography curriculum because this unit develops essential geographical skills that need to be used regularly.
Topic 2	EARTHQUAKES AND VOLCANOES: HOW DO PLATE TECTONICS SHAPE OUR WORLD?	Written description with diagrams: 'what happens at a plate boundary?' completed mid-way through the topic. Written discussion 'Explain how the risk of living in a tectonically active area (a place with volcanoes like Montserrat and/or earthquakes like Haiti) can be managed'. completed at end of the topic.	Adaptation Causality Inequality Mitigation Place Resilience Risk	Inner core; outer core; mantle; crust; magma; continental drift; ridge push; slab pull; subduction; convection currents; lava; pyroclastic flow; seismic waves; focus; epicentre	Literacy and Oracy Life After SWR	7.1 Geographical skills (mapping continents, latitude and longitude) 7.3 Resource use (geology) 8.2 Global Development (how levels of wealth are linked to natural disaster impacts and responses) 8.5 flooding on the land (Tsunami) Y11 Unit 1: Natural hazards
Topic 3	RESOURCE USE: 'ARE WE TAKING EARTH'S RESOURCES FOR GRANTED?' <i>Local fieldwork completed during a geology walk around Tetbury</i>	Timed written assessment- Moja Island renewable energy decision making exercise	Adaptation Causality Equilibrium Place Risk Scale Sustainability System	Lithosphere, biosphere, hydrosphere, atmosphere, renewable energy, non-renewable energy, raw materials, igneous, sedimentary, metamorphic, geology, freeze-thaw weathering, biological weathering, chemical weathering, evaporation, condensation, precipitation, finite, sustainable, pollution	Literacy and Oracy Life Beyond SWR Life After SWR	7.1 Skills 7.2- Earthquakes and Volcanoes (Lithosphere) 7.4 Football- industry as a resource. 7.5 World biomes (Biosphere) 8.2 development (soil erosion/subsistent farming) 8.5 flooding on the land (Bangladesh) 9.3 climate change (energy use) Y11 Unit 2: Resource use



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Topic 4	WORLD BIOMES: HOW ARE WORLD BIOMES DIFFERENT AROUND THE WORLD AND WHY?	Poster assessment at end of unit: Research a Biome of choice and present the information using a range of map and graphical skills.	Adaptation Place Scale System	Biome, equator, tropical rainforest, tropical grassland (savannah), desert, tundra, taiga, boreal, coniferous forest, deciduous forest, vegetation, flora, fauna, precipitation	Literacy and Oracy Life After SWR	7.1 Skills 7.3 Resources (biosphere) 8.1 Weather and climate 8.4 Ecosystems Y10 Unit 1 Ecosystems
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8	Topics	Assessment	Key Concepts	Key Vocabulary	Our Pillars	Knowledge tracking
Topic 1	WEATHER AND CLIMATE: WHAT ARE THE BIG PROCESSES AT WORK?	End of unit assessment –climate graph interpretation and a written explanation of different climatic conditions in different parts of the world.	Causality Equilibrium Feedback Scale System	Latitude, air pressure, depression, anticyclone, evaporation, condensation, precipitation, meteorologist	Literacy and Oracy Life After SWR	7.1 Skills 7.4 World Biomes 8.4 Ecosystems 8.4 Flooding on the land (Tropical cyclones) Y11 Unit 1: Weather hazards
Topic 2	POPULATION & MIGRATION: CAN THE WORLD COPE WITH SO MANY PEOPLE?	Written assessment mid way through unit. An evaluation of different population control strategies. Empathetic writing at end of unit: diary of an illegal economic migrant	Adaptation Causality Globalisation Inequality Interdependence Place Power Risk	Population Population distribution Population density Sparsely populated Densely populated Birth rate Death rate Natural increase Dependency ratio	Literacy and Oracy Diversity and Inclusivity	7.1 Skills 7.3 Resource use 8.2 Development 8.4 Ecosystems 8.5 Flooding on the land 9.3 Climate change 9.4 The middle East Y10 Unit 2 Changing economic world
Topic 3	WHY ARE RIVERS IMPORTANT?	GCSE style Assessment: writing a sequence with annotated diagrams to explain the formation of a river landform	Causality Equilibrium Place Scale System Threshold	River, long-profile, erosion, hydraulic action, abrasion, attrition, solution, transportation, solution, suspension, saltation, traction, deposition, waterfall, meander, levee, floodplain, upper-course, lower-course,	Literacy and Oracy	7.1 Skills 7.3 Resource use (water issues in Las Vegas) 8.1 Weather and Climate (rainfall) 8.5 Flooding (Bangladesh) Y10 Unit 1: UK landscapes-rivers
Topic 4	ECOSYSTEMS: HOW DO THEY CONTRIBUTE TO OUR WORLD ON A SMALL AND LARGE SCALE? <i>Fieldwork trip to a local farm – investigation of woodland ecosystem, wetland ecosystems & river valley</i> <i>Large scale- learning about the Arctic Ocean and the role of Oceans on a global scale</i>	Fieldwork investigation write up- students to follow the 6 stages of Geographical enquiry when writing up their fieldwork	Adaptation Equilibrium Feedback Globalisation Interdependence Power Scale Sustainability System Threshold	Biome; ecosystem; flora; fauna; producer; primary and secondary consumers; food web; food chain;	Literacy and Oracy Life Beyond SWR Diversity and Inclusivity Life After SWR	7.1 Skills 7.4 World Biomes 8.1 Weather and Climate 9.3 Climate change Y10 Unit 1 Ecosystems Y10 Unit 3: fieldwork

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Topic 1	GLOBAL DEVELOPMENT: TACKLING INEQUALITY, CHALLENGING STEREOTYPES	End of unit assessment: decision making activity about types of aid- justification of which choice is the most sustainable	Causality Globalisation Identity Inequality Place Power Resilience Sustainability	Life expectancy, adult literacy, GNI, HDI, equality, extreme and relative poverty, trade, aid, employment structure, sustainable development	Literacy and Oracy Diversity and Inclusivity Life After SWR	7.1 Skills 7.2 Earthquakes and volcanoes (Haiti V Japan) 7.3 Resources (soil erosion/subsistent farming) 8.4 Flooding (hurricanes) Y10 Unit 2: Changing Economic world
Topic 2	HOW IS GLOBALISATION SHAPING OUR WORLD?	Writing an evidence backed opinion: is globalisation good or bad for poorer countries?	Causality Globalisation Identity Inequality Interdependence Place Power Scale Sustainability	Economy; technology; primary secondary tertiary & quaternary industry; industrial revolution; trade; industrial location; resource; raw material; labour cost; containerisation	Literacy and Oracy Life Beyond SWR Diversity and Inclusivity	7.1 Skills 7.3 Resource use 8.2 Global development 9.1 Migration 9.3 Climate change 9.4 The middle East Y10 Unit 2: Urban issues and challenges Y10 Unit 2 changing economic world
Topic 3	CLIMATE CHANGE: THE PAST, THE PRESENT AND THE FUTURE	Create a 'climate change for dummies' information leaflet	Adaptation Causality Equilibrium Feedback Inequality Mitigation Place Power Resilience Risk Scale Sustainability	Greenhouse gases; quaternary geological period, glacial, interglacial, emissions, fossil fuels, industry, carbon footprint, carbon sink, net zero, mitigate, adaptation, Paris agreement, COP	Literacy and Oracy Diversity and Inclusivity Life After SWR	7.1 Skills 7.3 resource use (energy types) 7.4 Biomes 8.1 Weather and climate 8.2 development 8.5 Flooding on the land 9.1 Population Y11 Unit 1: Climate change
Topic 4	THE MIDDLE EAST: A GLIMPSE OF THE PLANET'S FUTURE..?	Issue evaluation style assessment where student engage with a future urban development proposal	Globalisation Identity Place Power Representation Resilience Risk Scale Sustainability	Desalinisation; sustainable; migration; exploitation	Literacy and Oracy Diversity and Inclusivity Life After SWR	7.1 Skills 7.3 resource use 7.4 Football industry 8.2 Development 9.1 Migration 9.2 Globalisation Y10 Unit 2: Urban Challenges Y11 Unit 3: Issues evaluation

10	Topics	Assessment	Key Concepts	Key Vocabulary	Our Pillars	Knowledge tracking
Topic 1	UNIT 2 (HUMAN) URBAN ISSUES AND CHALLENGES A case study of a city in a LIC/NEE (Rio de Janeiro or Mexico City) A case study of a city in the UK (Birmingham)	A range of past GCSE exam questions as end of topic 'mini mock'	Causality Globalisation Identity Inequality Place Power Scale Sustainability	Brownfield site; Dereliction; Economic opportunities; Greenfield site; Inequalities; Integrated transport systems; Mega-cities; Migration; Natural increase; Pollution; Rural-urban fringe; Sanitation; Social deprivation; Social opportunities; Squatter settlement; Sustainable urban living; Traffic congestion; Urban greening; Urbanisation; Urban regeneration; Urban sprawl; Waste recycling	Literacy and Oracy Diversity and Inclusivity	7.3 Resources (las Vegas water management) 9.2 Globalisation (Bristol) 9.4 Middle East (Dubai and Saudi city)
Topic 2	UNIT 1 (PHYSICAL) PHYSICAL LANDSCAPES IN THE UK River Landscapes	A range of past GCSE exam questions as end of topic 'mini mock'	Equilibrium Feedback Mitigation Place Resilience Risk Scale Sustainability System	Abrasion; Attrition; Cross profile; Dam and reservoir; Discharge; Embankments; Estuary; Flood plain; Flood plain zoning; Flood relief channels; Flood risk; Flood warning Fluvial processes; Gorge; Hydraulic action; Hydrograph; Interlocking spurs; Lateral erosion; Levees Long profile; Meander; Ox-bow lake; Precipitation; Saltation; Soft engineering; Solution; (Channel) straightening; Suspension; Traction Vertical erosion; Waterfall	Literacy and Oracy Life Beyond SWR	8.3 Rivers 8.5 Flooding on the land Y10 Unit 3- fieldwork
Topic 3	UNIT 2 (HUMAN) THE CHANGING ECONOMIC WORLD India's changing economy The changing UK economy	A range of past GCSE exam questions as end of topic 'mini mock'	Causality Globalisation Inequality Interdependence Place Power Resilience Risk Scale Sustainability	Birth rate; Commonwealth; De-industrialisation; Demographic Transition Model; Development; Development gap; European Union Fairtrade; Globalisation; Gross National Income (GNI); Human Development Index (HDI); Industrial structure; Infant mortality; Intermediate technology; International aid; Life expectancy; Literacy rate; Microfinance loans; North-south divide (UK); Post-industrial economy; Science and business parks; Service industries (tertiary industries); Trade; Transnational Corporation (TNC)	Literacy and Oracy Diversity and Inclusivity	8.2 Development
Topic 4	UNIT 1 (PHYSICAL) THE LIVING WORLD Small scale ecosystems Global Ecosystems Tropical Rainforests	A range of past GCSE exam questions as end of topic 'mini mock'	Adaptation Causality Equilibrium Feedback Interdependence Place Scale Sustainability System	Abiotic; Biotic; Consumer; Decomposer; Ecosystem; Food chain Food web; Producer; Biodiversity; Commercial farming; Debt reduction; Ecotourism; Logging; Mineral extraction; Selective logging; Soil erosion; Subsistence farming; Sustainability	Literacy and Oracy Diversity and Inclusivity Life After SWR	7.4 Biomes 8.4 Ecosystems



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Topic 5	UNIT3: FIELDWORK ENQUIRY River meander Birmingham regeneration	Written fieldwork booklets.	Causality Equilibrium Identity Place Representation Risk Scale	Hypothesis; Qualitative data; Quantitative Data, Stratified, strategic and random sampling; Reliability; validity; Conclusion; Evaluation	Life Beyond SWR Life After SWR	7.3 resources- Local Geology walk around Tetbury 8.4 Ecosystems- farm fieldwork enquiry
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11	Topics	Assessment	Key Concepts	Key Vocabulary	Our Pillars	Knowledge tracking
Topic 1	UNIT 1 (PHYSICAL) THE LIVING WORLD Cold Environments	A range of past GCSE exam questions as end of topic 'mini mock'	Causality Equilibrium Identity Place Representation Risk Scale	Biodiversity; Fragile environment; Infrastructure; Mineral extraction; Permafrost; Polar; Tundra; Wilderness area	Literacy and Oracy	8.4 Ecosystems 9.3 Climate change
Topic 2	UNIT 1 (PHYSICAL) THE CHALLENGE OF NATURAL HAZARDS Tectonic Hazards Weather Hazards Climate Change	A range of past GCSE exam questions as end of topic 'mini mock'	Adaptation Causality Equilibrium Feedback Mitigation Resilience Risk Scale Sustainability System Threshold	Hazard risk; Natural hazard; Conservative plate margin; Constructive plate margin; Destructive plate margin; Earthquake; Immediate responses; Long-term responses; Monitoring; Plate margin; Primary effects; Secondary effects; Tectonic hazard; Tectonic plate; Volcano; Extreme weather; Global atmospheric circulation; Tropical storm (hurricane, cyclone, typhoon); Adaptation; Climate change; Mitigation; Orbital changes; Quaternary period	Literacy and Oracy Diversity and Inclusivity Life After SWR	7.2 Earthquakes and volcanoes 8.1 Weather and climate 9.3 Climate change
Topic 3	UNIT 2 (HUMAN) THE CHALLENGE OF RESOURCE MANAGEMENT Global importance of Food, Water and Energy UK resource management (food water energy) In depth study of food as a global resource	A range of past GCSE exam questions as end of topic 'mini mock'	Equilibrium Feedback Globalisation Inequality Interdependence Place Resilience Risk Scale Sustainability	Agribusiness; Carbon footprint; Energy mix; Food miles; Fossil fuel; Local food sourcing; Organic produce; Aeroponics; Biotechnology; Famine; Food insecurity; Food security; Hydroponics; Irrigation; Permaculture; Sustainable development; Sustainable food supply; The new green revolution; Undernutrition; Urban farming	Literacy and Oracy Diversity and Inclusivity	7.3 Resource use 8.2 Development 9.4 Middle East



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Topic 4	UNIT 1 (PHYSICAL) PHYSICAL LANDSCAPES IN THE UK Coastal Landscapes	A range of past GCSE exam questions as end of topic 'mini mock'	Equilibrium Feedback Mitigation Place Resilience Risk Scale Sustainability System	Abrasion (or corrasion); Arch; Attrition; Bar; Beach; Beach nourishment; Beach reprofiling; Cave; Chemical weathering; Cliff; Deposition; Dune regeneration; Erosion; Gabion; Groyne; Hard engineering; Headlands and bays; Hydraulic power; Longshore drift; Managed retreat; Mass movement; Mechanical weathering; Rock armour; Sand dune; Sea wall; Sliding; Slumping; Soft engineering ; Spit; Stack; Transportation; Wave cut platform; Waves	Literacy and Oracy	8.5 Flooding on the land
Topic 5	UNIT 3: ISSUE EVALUATION Pre release content released 12 weeks before the Y11 final GCSE examination	A range of past GCSE exam questions as end of topic 'mini mock'			Literacy and Oracy Diversity and Inclusivity	9.4 Middle East