

## ATS Geography Department 5-year Scheme of Learning + Assessment Tracking

	Autumn/ Sept	October	November	December	January	Feb	March	April	Summer/ May	June	July
Year 7 ks3	Unit	1. <b>Geo-skills</b> 9 lessons	2. <b>Exploring the UK</b> 7 lessons	3. <b>Rivers and Flooding</b> 10 lessons (Prog in Geog)	4. <b>Exploring the Middle East (Hot deserts/sustainable Dubai)</b> 9 lessons (Some Prog in Geog)				5. <b>Living Planet: Ecosystems and Tropical Rainforests &amp; Being a Geographical Investigator: Biodiversity Enquiry</b> 10 lessons	6. <b>How is Asia being transformed?</b> ~ 8 lessons (Prog in Geog)	
	Substantive knowledge/ Assessment	What is Geography? Symbols, grid refs, latitude + longitude, relief, OS Preston.  MT: Prog in Gg baseline EUA: OS skills test; short exam q's	UK map, rural v urban, 4 sectors of the economy, British Values and sense of place  MT: UK physical features map MC spot test EUA: UK exam q's (46 marks) Ex writing: Economic activities UK extended essay 6m	Drainage basin features, processes, features, flooding, model  MT: drainage basin features/ processes short q's EUA: Whole topic test paper, 1-4 markers Extended writing: ox-bow lake. River model project.	ME map, climate, desert, adaptations, indigenous peoples, Sustainable Dubai, Conflict  MT: Short exam q's – countries in ME, interpreting climate graphs, adaptations. EUA: Whole topic test, 1-6 markers – places,  Extended writing: Is Dubai a sustainable city? Extended <b>DME</b> essay 6+3m				Food chain/ web, biomes, rainforest characteristics, adaptations, deforestation, management, ecology fieldwork MT: Knowledge MC online spot test (ecosystems, biomes) EUA: Short exam questions – components of an ecosystem, distribution of biomes, explaining climate and adaptations, deforestation, rainforest management. Extended writing: effects of deforestation.	Asia map, transformation, monsoon climate, flood threat, mountain biome, dynamic population, urbanisation. MT: Knowledge spot test EUA: Short exam questions  Extended writing: Lonely Planet Guide to a country in Asia of their choice.	
	Disciplinary knowledge + Skills	Grid-ref/ height/long-lat/symbols/ reading a variety of maps. Atlas skills, teamwork, GIS, KS2 retrieval link.	UK map labels, comparison, data interpretation, model UK comparison, British Values, sense of place	river profile, processes landforms, annotating diagrams, decision making, guided reading, hydrographs, modelling. Careers link: Environment Agency – flood management, hydrologist	Climate graphs/ height/guided reading - adaptations/ decision making/ atlas skills/ DME sustainability. Comparing places. Cultural awareness, comparison to British Values				Map analysis/ climate graphs/ atlas skills/ GIS mapping deforestation/ sustainability/ numeracy/ interpretation of graphs/diagrams/ ERIC/ Google Earth. Fieldwork - data collection, data presentation and interpretation.	Atlas maps, climate maps, trade maps, statistics, photo analysis, annotated diagrams, Dollar Street, pop pyramids, GIS, data handling, Careers: travel journalism	
Year 8 ks3	Unit	1. <b>Wild Weather: weather, climate and tropical storms (+ microclimate fieldwork)</b> Prog in Geog. 13 lessons	2. <b>Crowded Planet! Population Change. Managing a population explosion!</b> 12 lessons	3. <b>Can the Earth cope? Managing Resources, Buried Treasure, Marine Environments, Ocean Plastics</b> (Prog in Geog) 14 lessons	4. <b>Mountain Landscapes: Glacial bulldozers, LDNP (+ being a Geographical Investigator: Bowness Fieldwork)</b> (Prog in Geog) 9 lessons						
	Substantive knowledge/ Assessment	What is weather and climate, measuring weather, types of cloud/ rain, air pressure, anti-cyclones and depressions, microclimate study, extreme weather, tropical storms CER, MT: Elements of weather, Extreme weather, UK Climate qs EUA: Exam questions inc tropical storms – short q's + opportunity for extended writing within formative assessment. Creative project: weather instrument/ pop up hurricane model	Population distribution/ density, DTM, China's population CS, pop growth, pop pyramids, over-population, 1CP v Kerala – pop management.  MT: Population spot test multi-choice EUA: Population exam questions Extended writing: Evaluate One Child Policy.	Earth spheres, resource use, rocks, oil, water, food, sustainable fishing, sustainable futures, environmental stewardship, climate change CER.  MT: Should tuna fishing be banned? (9+3) EUA: Exam questions, 40 marks Creative media and GIS: Climate change leaflet	Cold environments, distribution, locating places, glacial erosion and features, deposition, GIS topographic mapping, how people use glacial landscapes – opportunities v challenges  MT: Knowledge spot test glaciation EUA: Exam q's + Booklet completion/ written conclusion (9+3)						
	Disciplinary knowledge + Skills	Interpretation of graphs & maps/ climate graphs/ atlas skills/enquiry skills/ data collection and presentation, links to climate change/ research skills – effects of Hurricane Irma. Careers: Geography Heroes – Meteorologist, Environmental Management	Cartography/Numeracy skills /population pyramids/ DTM/ interpreting and analysis graphs/ maps and diagrams	Numeracy skills /cartography/ interpreting and analysis graphs/ maps and diagrams. Green jobs – careers link and research during careers week. Geography Heroes – David Attenborough, Simon Reeve, Greta Thunberg, Jane Goodall.	Analysing landforms using 3d topographic maps in GIS. Independent planning identify, plan, conduct and analyse a hypothesis reaching a valid conclusion Data collection, data presentation and interpretation. Careers link to Environment Agency, GIS and local government jobs.						
Year 9 ks3	Unit	1. <b>Restless Earth: Margins, super-volcanoes, earthquakes, tsunamis</b> 13 lessons (some Prog in Geog)	2. <b>Same Planet, Different Worlds: The Development Gap, Migration, Multicultural Issues, BRICS/ Emerging Economies and Globalisation</b> 12 lessons + 8 lessons	3. <b>Coastal environments: What happens when the land meets the sea?</b> 9 lessons. Prog in Geog.	4. <b>Overview of Key Geographical Skills</b>	5. <b>A continent of Contrasts: Africa</b> some Prog in Geog					
	Substantive knowledge Assessment	Plate tectonics, boundaries, volcanoes and EQs, modelling EQ buildings, managing risk, super volcanoes, hazard mapping, tsunamis  MT: Exam Questions – tectonics EUA: Exam questions Extended writing – responding to Earthquakes Options info, careers in Geog links	Development Gap: fining development, Dollar Street comparisons, wealth distribution, BRICS, development gap solutions, poverty, gender equality, SDGs, NGOs, fairtrade, Bolivia CS. Migration: urbanisation, push/ pull, mega cities, globalisation and multiculturalism and diversity. MT: Development indicators q's EUA: Written exam questions Year 9 Mock Examination: Development and Migration, Parents Evening January	Using the coast, OS mapskills, coastal processes and features, coastal management  MT: exam questions processes/ erosional landforms EUA: exam questions whole topic Creative media: movie maker of a coastal landform	Symbols, grid refs, latitude + longitude, relief, OS practice, data presentation and interpretation, statistical techniques.  EUA: Practice GCSE questions	Challenges and opportunities, mapwork, biomes, Sahel, Nigeria CS – urbanisation, TNCs, environmental challenges, slums in Lagos, quality of life.  MT: Knowledge spot test EUA: Short exam questions					
	Disciplinary knowledge + Skills	Diagrams, processes and understanding of landforms, place, cause and effect. Maps work. Careers link lessons prior to options – posters displayed, GCSE content/ potential careers lesson. FF links. Careers: geologist	Cartography/ numeracy/ graphs and diagrams to analyse. Cartoon to create and interpret/ atlas skills. Lines of best fit. Scatter graphs, Dollar Street, HansRosling lecture, Slumming it doc, Geography Heroes: Malala, Emma Watson UN Ambassador for women.	Atlas skills/ numeracy on analysing trends/ physical processes and sequential explanation, displaying and interpreting graphs/ diagrams.	Careers: jobs for Geographers using Geographical Skills	Processes / map work. Atlas work, climate graphs, map distributions, photos					
Year 10 ks4	Unit	<b>Paper Two, Section A: Urban issues and challenges</b> 18 lessons	<b>Paper One, Section A: The Challenge of Natural Hazards</b> (yr9 processes retrieval) 7 + 7 + 7 lessons	<b>Paper One, Section C: Physical Landscapes in the UK- Coasts</b> (yr9 K+U retrieval) 7 lessons	<b>Paper Three: Fieldwork – Human and Physical</b> (Yr8 skills retrieval) 6 lessons	<b>Paper One, Section B: Living World</b> 3 + 5 + 5					
	Substantive knowledge Assessment	<b>Urbanisation, mega cities, Rio, Bristol, urban regeneration, sustainable cities</b>  GCSE Questions as home learning - fortnightly prog checks Past Paper based on Section B P1 and Section A P2	<b>Natural hazards, distribution of volc/ EQs, plate boundaries, effects and responses, living with risk, reducing risk. Weather: GAC, tropical storms, climate change, Haiyan, extreme weather, Somerset flooding. CC: cause, effect, response, adaptation v mitigation.</b> Fortnightly PC, past papers: MT & EUA exam questions Interleaving Section A P1 and Section A P2	<b>Waves, weathering, mass movement, coastal erosion, features of erosion/ deposition, Swanage CS, coastal management</b> Past papers, , MT & EUA exam questions Parents Evening June Fortnightly PC, past papers: MT & EUA exam questions Interleaving Section A P1 and Section A P2	<b>Blackpool regeneration &amp; Cleveleys coastal defences – data collection, presentation, interpretation, conclusion, eval, application.</b> Fieldwork a3 sheets and exam q's	<b>Ecosystems: food webs/ chains/ biomes. Tropical Rainforests: characteristics, adaptations, deforestation and management. Col Environments: characteristics, challenges, opportunities, management</b> Exam questions outlined in planning doc					
	Disciplinary knowledge + Skills	Numeracy: interpretation and completion of graphs and diagrams. Statistics. Atlas skill, place knowledge, comparisons, empathy, sustainability.	Theory of tectonics. Cause, effect and response. Hazard risk assessment, photo analysis, exam technique, greater depth in essay writing. Careers: geologist, travel journalism	Sequential explanations, annotated diagrams, OS maps, photo interpretation. YR10 MOCK EXAM PREP 2 WK.	Planning, conducting fieldwork , A3 write-up+ exam q's	Food webs & chains, climate graphs, photo interpretation, data analysis					
Year 11 ks4 Year 11	Unit	<b>Paper Two Section C: The Challenge of Resource Management</b> 10 lessons	<b>Paper Two Section B: The Changing Economic World</b> (Including Nigeria CS) 7 + 8 + 6 lessons	<b>Paper One, Section C: Rivers</b> 9 lessons	<b>Paper Three: Issue evaluation</b> pre-release - 4 lessons	Revision					
	Substantive knowledge Assessment	<b>Resource distribution, food, water and energy use, energy mix, supply v consumption, saving energy, Chambamontera micro-HEP</b> Fortnightly PC, MT & EUA exam questions	<b>Development indicators, pop structures, DTM, development gap, tourism. Nigeria: map, context, economy, TNCs, env impact, aid, quality of life. Econ development UK: economic sectors, post-industrial economy, changing rural landscapes, north-south divide, transport developments, commonwealth and UK in the wider world.</b> Fortnightly PC, MT & EUA exam questions, 2 mocks, covering p1,2 & 3	<b>River profile, processes, landforms of erosion and deposition, Tees CS, flooding</b>  Fortnightly PC, MT & EUA exam questions, focus on annotations and sequential exp.	<b>Enquiry process – studying a given issue, conducting DME – outline +/-, evaluate and draw conclusions.</b> KT test, written evaluation, application questions	Past papers Spot tests					
	Disciplinary knowledge + Skills	Graphical skills, data analysis and comparison, evaluation, DME, Careers: Green Jobs, careers week.	Cartographical skills./ Numeracy through interpretation and analysis of graphs and diagrams. British Values through Commonwealth.	Central tendency, mean mode median, interquartile range		Application					

Commented [ST1]: