Geography Curriculum Map

Big ideas	Development, climate change,geographical skills, interdependence, sustainability, place/space, scale				
	Year 7	**Year 8**	**Year 9**	**Year 10**	**Year 11**
Unit 1	**Weather and climate** Weather: Types, measuring, water cycle, extreme weather. Climate: Climatic zones, climate graphs, climate change (evidence, causes and impacts). Fieldwork ***Prior learning**: Continents and oceans, UK weather patterns, climatic zones, vegetation, biomes and the water cycle.* ***Future learning**: Reasons for development, biomes climatic zones, glaciation, Africa.* **Ecosystems** Scales of ecosystems: Food chains, food webs, global ecosystems. Hot deserts: location, climate graphs, adaptation, Thar Desert, opportunities,	**Is the world equal?** Development factors, sectors of industry, population pyramids, trade, Kenya development, Thailand development, closing the development gap. ***Prior Learning:** Key terminology, levels of development, population pyramids, contrasting levels of wealth.* ***Future learning:** Tourism, squatter settlements, contrasting levels of wealth in hazards, management, resource inequality, changing economic world and urban issues and challenges.*	**Resources** What are resources, causes of inequality, Las Vegas (climate, water shortage, solutions), factors affecting energy supply, Middle East energy, monoculture, solutions to diversify. ***Prior Learning:** Weather and climate, water cycle, levels of development, tourism and climate change.* ***Future learning:** Resources in Antarctica, the challenge of resource management, are hazards all natural, urban issues and challenges and the changing economic world.*	**The changing economic world** Development, measuring development, DTM, population pyramids, causes and impacts of uneven development, reducing the development gap, Nigeria (location, context, development, TNCs, aid, impacts, world relationships and quality of life) and the UK (economic change, post industrial economy, north south divide, rural economies, impacts and world relationships). ***Prior Learning:** Development factors, terminology, Africa development, economic change and world relationships.* ***Future learning:** Urban issues and challenges, levels of development affecting wealth, resources and ability to*	**The living world** Small scale ecosystems, global ecosystems, tropical rainforests (location, climate, adaptations), Malaysia (causes of deforestation, opportunities, impacts and management), cold environments (location, climate and adaptations) and Svalbard (opportunities, challenges and management). ***Prior Learning:** Weather and climate, water cycle, biomes, plant and animal adaptations, glaciation, development, climate change and management strategies.* ***Future learning:** Biomes within Lagos, impacts on the environment and ecosystems under stress (A-level).* **UK physical landscapes**

	challenges, desertification. ***Prior learning**: Continents and oceans, UK weather patterns, climatic zones, vegetation, biomes and the water cycle.* ***Future learning**: Reasons for development, biomes climatic zones, glaciation, Africa.*			*manage natural hazards, global systems (A-level) and contemporary urban environment (A- level).*	*Rivers: Courses, processes, landforms, flood risk, hydrographs, management, Banbury. ***Prior Learning:** Water cycle, processes and climate change and OS map skills.* ***Future learning:** Links to flooding, distribution of water supply, physical fieldwork, water and carbon cycles (A-level) and coasts (A- Level)*
Unit 2	**Glaciation** Location, formation, processes, landforms, OS map skills, opportunities and challenges in the Lake District. ***Prior learning**: Climatic zones, biomes, land use, economic activity.* ***Future learning**: River processes, tourism.* **Population and migration** Levels of development, population pyramids, ageing populations, youthful	**Tourism** What is tourism, tourism in Australia, coral reefs, sustainable tourism, tourism in Peru, who did it best, fieldwork. ***Prior Learning:** Tourism in the Lake District, tourism in Africa, sustainability and tropical rainforests.* ***Future learning:**Mediterranean tourism, coral reefs, Las vegas, ecotourism and Jamaica.*	**Natural hazards** Earth's structure, Pangea, continental drift evidence and causes, hazard risk, plate margins, volcano and earthquake distribution, Haiti earthquake 2010 (development, causes, hazard risk, impacts, responses). ***Prior Learning:** Weather and climate, ecosystems, levels of development, water cycle, hazard risk, climate change, supervolcanoes and tourism.* ***Future learning:** Antarctica,*	**UK physical landscapes** *Coasts: Waves, processes, landforms, management, Lyme Regis. ***Prior Learning:** Water cycle, processes, waterfalls, meanders, causes of flooding and climate change and OS map skills.* ***Future learning:** Links to flooding, distribution of water supply, physical fieldwork, water and carbon cycles (A-level) and coasts (A- Level)*	**Urban issues and challenges** Urbanisation, megacities, Lagos (location, causes of growth, opportunities, challenges, squatter settlements), Bristol (location, opportunities, challenges, social inequality, management, Temple Quarter) and sustainable urban living. ***Prior Learning:** Development, megacities, migration, Nigeria development, regeneration and sustainable management.* ***Future learning:** Global systems and governance*

	populations, urbanisation, megacities, Syrian refugee crisis. Fieldwork. ***Prior learning:*** *Land use, economic activity.* ***Future learning:*** *Africa's development, development, migration.*	**Water world** Water cycle, rivers journey, pro cesses, landforms, OS maps, causes of flooding, coral reefs, climate change, sea level rise. ***Prior Learning:*** *Water cycle, processes in glaciation, River Nile and Dams, climate change.* ***Future learning:*** *UK physical landscapes, Greece flash floods, Las Vegas and water distribution.*	*the challenge of resource management, the changing economic world and the challenges of natural hazards.*	**The challenge of resource management** Distribution of resources, provision of food, water and energy in the UK, global food supply, causes of food insecurity, increasing food supply, IBIS, sustainable food production and Makueni, Kenya. ***Prior Learning:*** *Weather and climate, water cycle, glaciation, development, hazards, global governance and climate change.* ***Future learning:*** *Resources within tropical rainforests and cold environments, urban issues and challenges and resource security (A-level).*	*(A-level), population and the environment (A-level) and contemporary urban environments (A-level).*

Unit 3		**Our living world** Food chains and food webs, global ecosystems, Mediterranean biome (adaptation, tourism, threats) and coral reefs (formation, under threat and management) ***Prior Learning:*** *Weather and climate, ecosystems, development levels, tourism and climate change.* ***Future learning:*** *Impacts on ecosystems, Antarctica, biodiversity, tropical rainforests and cold environments.*		**The challenge of natural hazards** Tectonic hazards, plate margins, Nepal 2015, Japan 2011, living with and managing tectonic hazards, GAC, tropical storms, Typhoon Haiyan 2013, UK weather, Somerset Levels 2014 and climate change (causes, impacts and management). ***Prior Learning:*** *Plate margins, water cycle,tsunamis, tropical storms, climate change, levels of development, management strategies and resource inequality.* ***Future learning:*** *Urban issues and challenges, the challenge of resource management* **Fieldwork** Enquiry question, data collection, data presentation, data analysis and data evaluation. ***Prior Learning:*** *Understanding of river processes and regeneration. Fieldwork in KS3.*	**Issue evaluation** Critical analysis of a key aspect of the compulsory GCSE course applied to a specific context. ***Prior learning:*** *Tropical rainforests DME, Squatter settlements DME and Oxford reservoir DME.* ***Future learning:*** *Fieldwork investigation (A-level) and general problem solving.*

				Future learning: *Fieldwork investigation (A-level).*	