Curriculum Content Map

Subject: Geography

Year group: 9

	TERM 1		TERM 2		TERM 3	
Unit title & description	**9 billion people – an opportunity or a challenge? (9.1)** *Population*	**Why is the earth always moving? (9.2)** *Tectonics*	**Is water more valuable than gold? (9.3)** *Water*	**What is life like on the edge? (9.4)** *Polar & Tundra*	**What is life like in the ocean? (9.5)** *Ocean & Ocean Management*	**Should a road be built in the tropical rainforest? (9.6)** *Tropical Rainforests: Issue Evaluation*
Sequencing	Draws upon themes from synoptic units 7.6 and 8.6. Additional knowledge required from 8.4 (globalisation) and 7.3 (urbanisation)	First introduction to tectonics, building on simplified understanding of natural hazards from 7.2 and 8.2. Numeracy skills sufficiently developed to calculate range, averages and understand Richter S	Knowledge of water as a resource (7.2 and 8.2) is combined with pressure on resources (9.3)	Locational knowledge from 7.1 and basic weather and climate knowledge from 7.4 necessary for students to access unit. Introduces high level of rigour prior to KS4	Water cycle knowledge from 7.3 and 8.3 Locational knowledge from 7.1 and understanding of remote life from 9.4	Builds on knowledge from 7.1, 7.4, 8.4 and 8.6 in a focussed enquiry that combines human and physical geographic knowledge
Knowledge 	Definitions of population, natural increase, birth rate, death rate and other key population metrics Understanding of demographic differences between HIC & LIC. Challenges and pressures on infrastructure posed by increase in global population Responses and predictions to the coming population boom prior to 2050.	Identifying Natural Hazards, Distribution of earthquakes & volcanoes, Effects of Earthquakes, Responses to Earthquakes, Living with risk from tectonic hazards, Reducing the risk from tectonic hazards Global atmospheric circulation, formation & features of tropical storms, Reducing effects of tropical storms, UK extreme weather Case Studies: Haiti, New Zealand, Haiyan & Cockermouth	Definitions of water availability, stress, deficit and understanding of fresh water and its origins Understanding of the water cycle and the value of water for agriculture, industry and domestic use The challenge of a limited water supply and the local and global effects of a decreased water supply. Solutions to the water crisis and water stress, including international work on resource management	The location and features of polar and tundra regions How polar and tundra regions link to an understanding of the global atmospheric model How plants and animals have adapted to tundra and polar regions. How human life is different in polar and tundra regions. Economic opportunities and challenges.	The location and features of oceans around the world Threats and challenges to ocean management Importance of oceans for ecological and tourism reasons Dead zones Contested Oceans Impact of climate change on oceans	Location and distribution of tropical rainforests with a focus on the Amazon rainforest. Understanding of the economic potential in rainforests and motivations for deforestation Understanding of the global importance of rainforests for managing climate change and sustaining ecosystems.
Retrieval Practice	Locational knowledge from 7.1 and understanding of population from 7.3 and 8.1	Locational knowledge and knowledge of hazards from 7.1, 7.2 and 8.2	Water cycle knowledge from 7.2 and 8.2. Understanding of climate change from 8.3 and hazards from 9.1	Understanding of weather and climate from 7.4, climate change from 8.3 and hazardous weather from 9.1	Water cycle knowledge from 7.2 and 8.2. Understanding of climate change from 8.3 and hazards from 9.1	Economic understanding from 8.1, climate change from 8.3 and population pressure from 9.2.
Sequencing Skills 	Using population data to understand pressures and changes	Identifying distribution of hazards and their effects	Using photographic figures and diagrams to identify and annotate water cycle.	Interpretation of climate maps and using photographs to identify features of locations	Use of maps skills and graphical data to fully understand threats and changes to oceans over time	Synthesising multiple data types (climate data, temperature, economic data) into a single essay.

	Using choropleth maps and percentage difference Using OS maps to identify rural and urban features	Using climate data to describe patterns and trends Interpreting data (deaths, casualties etc.) to evaluate impact	Using averages and range to calculate water prices and importance	Using photographs to identify adaptations of plants and animals		
Literacy 	Extended reading of information on population and demographic changed Explicit teaching of key words to describe population metrics and demography. Extended writing opportunities through longer mark questions.	Extended reading of case study information and accounts of natural disasters Explicit teaching of key words to describe different types of hazards Extended writing opportunities through longer mark questions.	Extended reading of water as a resource and the water cycle in lesson Explicit teaching of key words to describe water deficit, cycle and surplus. Extended writing opportunities through longer mark questions.	Extended reading of information on life in polar and tundra regions. Explicit teaching of key words to describe adaptations and economic opportunities. Extended writing opportunities through longer mark questions.	Extended reading of information on life and challenges in ocean management Explicit teaching of key words to describe threats and opportunities Extended writing opportunities through longer mark questions.	Extended reading of information on the importance of tropical rainforests economically and environmentally. Explicit teaching of key words to describe causes of deforestation and climate of tropical rainforests. Extended writing opportunities through longer mark questions.
Numeracy 	Using charts and data to show changes in population metrics Use of percentage change, averages and means	Interpretation of data from graphs and charts to infer patterns Calculation of averages, ranges, IQR and patterns taken from data presentation methods	Use of different metrics to show water availability and usage Use of bar charts and pie charts to show relative use of resources	Use of temperature data and climate data. Understand how to identify patterns and anomalies.	Use of tourist data and climate data. Understand how to identify patterns and anomalies.	Identifying patterns from economic, climate, environmental data. Using surveys and creating charts to show this data
British values 	Students will learn about mutual respect for those living in other nations and cultures.	Students will learn about the rule of law and how governments respond to natural disasters.	Students will learn about rule of law in relation to shared resources and cross-border issues	Students will learn about mutual respect for those living in challenging environments.	Students will learn about mutual respect for those living in challenging environments.	Students will learn about individual liberty when creating their recommendations.
Character 	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.	Students will develop resilience through exposure to high-level content and the rigour of extended writing and data analysis.
Careers 	Students will learn about the opportunities relating to increased population and competition for jobs.	Students will learn about the opportunities to work in disaster management and crisis relief	Students will learn about the opportunities in resourcing and supply + demand of resources	Students will learn about the opportunities and challenges of jobs in extreme locations	Students will learn about the opportunities and challenges of jobs in extreme locations	Students will learn about balancing employment needs with environmental priorities.
Assessment opportunities 	Students will complete a fortnightly quiz, 3 part homework and extended writing.	Students will complete a fortnightly quiz, 3 part homework and extended writing.	Students will complete a fortnightly quiz, 3 part homework and extended writing.	Students will complete a fortnightly quiz, 3 part homework and extended writing.	Students will complete a fortnightly quiz, 3 part homework and extended writing.	Students will complete a fortnightly quiz, 3 part homework and extended writing.