

KS3 Geography Curriculum Coverage

Year 7

Sequenced	SOW topic: Weather	SOW topic: Energy	SOW topic: Development	SOW topic: Limestone
Key Knowledge	- Definition of weather and climate. - The distribution of global biomes. - Key stages of the water cycle. - The formation of relief, convectional and frontal rain. - Factors causing UK climate variation - Characteristics of extreme weather. - Impacts & responses of extreme weather (Case study examples) - Factors impacting microclimate environments.	- UK's energy composition. - Fossil fuel formation. - The greenhouse effect. - Human causes of climate change since the last ice age. - Impacts of climate change. - Bangladesh's flood vulnerability - Examples of renewable energy. - Advantages and disadvantages of renewable/non-renewable energy. - Features and examples of sustainable development - Advantages and disadvantages of fracking	- Distribution of global wealth. - Classifying economic development - Effectiveness of development indicators. - Reasons for global inequality. - Distribution and characteristics of Africa's key climate zones. - Population distribution across Africa. - Development status of UK & Burkina F. - Causes of underdevelopment in BF. - Causes of/solutions to desertification (Magic stones & afforestation) - Benefits of fair trade	- Distribution of the UK's uplands. - Types of rock and their formation. - Formation of limestone. - Impact of weathering on limestone landscapes. - Formation of limestone features (below/above ground). - Advantages and disadvantages of tourism in the Yorkshire Dales.
Key Skills	- Atlas work - Using latitude & longitude - World and UK topographical, isoline and thematic maps - Isoline mapping - Climate graph analysis - Describing UK & global patterns - Geographical fieldwork skills - Bar charts	- Atlas work - Pie charts - Line graph - Correlation between data sets - Interpreting OS maps including grid referencing and scale.	- Atlas work - Thematic maps - Describing global patterns of distribution - Analysing/evaluating statistical data - Creating climate graphs (Bar/line graphs)	- OS map skills including grid references, scale and topography. - Interpretation of aerial and satellite images of landforms.
	Tier 3 key vocabulary	Tier 3 key vocabulary	Tier 3 key vocabulary	Tier 3 key vocabulary
Subject specific vocabulary	Weather, climate, biome, temperate, deciduous, tundra, tropical, atmosphere, evaporation, vapour, condensation, surface runoff, (im)permeable, infiltration, saturated, precipitation, transpiration, relief, altitude, convectional, frontal, social, economic, environmental, latitude, longitude	Fossil fuel, renewable, non - renewable, geothermal, hydro-electric, atmosphere, greenhouse gas, carbon dioxide, methane, radiation, orbit, fluctuate, industry, agriculture, habitat, coastal, drought, famine, sustainable, carbon footprint	Development, inequality, development gap, equator, life expectancy, adult literacy, birth/death rate, HDI, trade, poverty, sanitation, political, hostile, arid, desertification, primary/secondary industry, export, import, afforestation, fair trade, aid	Igneous, Sedimentary, Metamorphic, Karst, stratigraphy, Freeze-thaw weathering, Gryke, Onion Skin Weathering, Uplands, permeable, impermeable, chemical weathering.