Year 7 GEOGRAPHY Curriculum Map

Term	Topic/Unit title	Essential knowledge **(what students should *know and understand* by the end of the unit/topic)**	Essential skills **(what students should *be able to do* by the end of the unit/topic)**
Autumn 1 **Autumn 2**	Where do we live?	Difference between human and physical geography Location of Cumbria Human features of Cumbria – settlement hierarchy Physical features of Cumbria – major mountains and lakes	Map Skills: Direction and distance 4 and 6 figure grid references Map symbols Height Describe a route Use GIS to measure distance Globe Atlas
Spring 1	**How does the weather affect us?**	Water Cycle Difference between weather and climate Three types of rainfall How to measure weather Causes of flooding	Reading weather forecast Interpreting climate graphs

Spring 2		UK example of flooding Causes of Hurricanes Hurricane example	
Summer 1	**How do rivers shape planet Earth?**	Three types of rock Types of weathering and erosion Features of the drainage basin Hydrological cycle Types of river erosion Formation of waterfalls Formation of oxbow lakes How a river changes from source to mouth	Map skills Interpreting hydrographs Use of Aerial photographs
Summer 2	**How do we investigate places?**	Environmental quality Microclimate Changing settlements	Investigation skills: Field sketches Environmental Quality Index

		Amazing places – Iguazu Falls	Measuring temperature and wind speed Representing data Using GIS Historical maps Measuring distance

Year 8 GEOGRAPHY Curriculum Map

Term	Topic/Unit title	Essential knowledge (what students should know and understand by the end of the unit/topic)	Essential skills (what students should be able to do by the end of the unit/topic)
Autumn 1	**Is Population rise a problem?**	Population distribution Population density Population change Causes of migration Impact of migration Ageing populations	Investigation skills Decision making Choropleth map analysis Graph analysis
Autumn 2	**What happens to your money when you spend it?**	Employment sectors Manufacturing in China Clark Fisher Model Changes in China China investment in Africa Life in India Oil – Middle East	Decision making Speeches Analysing photographs

Spring 1 **Spring 2**	**Can we save planet Earth?**	Types of pollution Causes of Greenhouse Effect Effects of Greenhouse Effect Responses to Greenhouse Effect Tropical Rainforest characteristics Tropical rainforest ecology Tropical Rainforest threats Tropical rainforest management	Decision making Graph analysis Using evidence
Summer 1	**How does the sea shape planet Earth?**	Types of sea erosion Sea transport and deposition Formation of stacks and stumps Formation of spits and bars Hard engineering Soft engineering	Map Skills GIS Field Sketch Decision making

Summer 2	**How do we investigate places?**	Ecology survey Soil survey Infiltration Changing coasts Amazing places – Great Barrier Reef	Investigation skills: Plant Identification Measuring infiltration Observing soil characteristics Representing data GIS: Using historical maps Measuring distance

Year 9 GEOGRAPHY Curriculum Map

Term	Topic/Unit title	Essential knowledge (what students should know and understand by the end of the unit/topic)	Essential skills (what students should be able to do by the end of the unit/topic)
Autumn 1	**Is our understanding of the world correct?**	Common misconceptions about the world How to measure development Deaths from natural disasters Impacts of climate change Stereotypes	Graph analysis Presentation
Autumn 2	**Is Africa a continent of contrasts?**	What and where is Africa Physical features of Africa Characteristics of deserts Animal adaptations in deserts Africa misconceptions Scramble for Africa Challenges for African countries Development in Horn of Africa	Graph analysis Prioritising Atlas

		Improvements in the future	
Spring 1	**Can we stop natural Hazards?**	Why some people are more at risk Geological time scale Structure of the Earth Causes of earthquakes and volcanoes Developed country earthquake example Developing country earthquake example Earthquake management Tsunami example Why people live in areas at risk Differences in volcanoes Volcano example	Decision making Presentation Group work GIS
Spring 2			
Summer 1	**How do glaciers shape planet earth?**	Factors that influence climate Extreme environments – Antarctica and Russia Protecting Antarctica Glacier erosion, transport and deposition U shaped valleys	Field sketches Annotated diagrams

		Corries Aretes and pyramidal peaks Moraines and erratics	
Summer 2	**How do we investigate places?**	How glaciers affect the land Independent investigation	Investigation skills: Map skills Composing questions Gathering qualitative and quantitative data Representing data Forming conclusions Evaluating methods