

### Year 8 Geography 2021-2

Topic	Content	Previous Learning	Next Steps
<b>Cold Environments</b>	<p>Develop critical thinking skills</p> <p>Build on existing knowledge of globes, maps, and atlases</p> <p>Explore the location and extent of ice coverage on Earth and how this has changed over time</p> <p>Explain why some places are cold</p> <p>Investigate the challenges of living in a cold environment (Siberian, Russia)</p> <p>Explore the physical, human, and environmental geography of Antarctica</p> <p>Explain how ice has shaped UK landscapes</p> <p>Investigate avalanche risk through a decision-making exercise.</p>	<p>KS2 Identify the position and significance of latitude, longitude, Equator, Arctic and Antarctic Circle.</p> <p>Y7 Geographical skills.</p> <p>Y7 Our Island home (formation).</p>	<p>KS4 Glaciated landscapes – their location, features and processes.</p>
<b>Population</b>	<p>Explain exponential world population growth</p> <p>Describe and explain global population distribution and density</p> <p>Explain reasons for population change</p> <p>Use birth rates and death rates to calculate natural change</p> <p>Interpret population structure using population pyramid graphs</p> <p>Explain factors which explain long life expectancy in some regions (Okinawa, Japan)</p> <p>Investigate the population resource debate</p> <p>Identify different types of migration, and the push and pull factors which help to explain them.</p>	<p>Y7 Our Island home (population &amp; development).</p> <p>Y7 Our planet (human planet).</p>	<p>KS4 Outline flows of immigration into the UK in the 21st century including an overview of the social and economic impacts on the UK.</p> <p>KS4 An understanding of the causes and the effects of, and responses to an ageing population.</p>
<b>Development</b>	<p>Explain what is meant by development</p> <p>Define different social, economic, and environmental development indicators</p> <p>Identify human and environmental factors which explain uneven development, with reference to DRC, Africa.</p> <p>Explain the impact of child labour in developing countries such as Bangladesh and Laos</p> <p>Explain the causes and impacts of the ongoing conflict in Syria</p> <p>Explain the human and environmental factors which influence the spread of malaria in Sub-Saharan Africa.</p>	<p>KS3 Describe and understand key aspects of human geography, including types of settlement, and economic activity including trade links.</p> <p>Y7 Our planet (Africa physical and human regions).</p>	<p>Y9 Globalisation - economic development and development indicators.</p> <p>KS4 Social, economic, and environmental definitions of development.</p> <p>KS4 Different development indicators, including GNI per</p>

	<p>Explain the reasons for China's rapid economic growth and the environmental impacts</p> <p>Define sustainable development</p> <p>Examine the success of efforts to meet international development targets.</p>		<p>capita, and the advantages and disadvantages of these indicators.</p> <p>KS4 Outline the reasons for uneven development, including the impact of colonialism on trade and the exploitation of natural resources.</p>
<b>Hot deserts</b>	<p>Name and locate hot deserts</p> <p>Explain the global distribution of hot deserts with reference to atmospheric circulation</p> <p>Use climate graphs and choropleth maps to identify different types of desert</p> <p>Explain how different plants and animals are adapted to the desert climate</p> <p>Explain how processes relating to wind and water shape the desert landscape</p> <p>Identify and explain the formation of different desert landforms</p> <p>Investigate water supply issues in the UAE.</p>	<p>KS2 Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, and the Tropics of Cancer and Capricorn.</p> <p>Y7 Our Planet topic (biomes &amp; climate zones).</p> <p>Y8 Asia (Middle East / Yemen).</p>	<p>KS4 Overview of the global distribution of polar regions, coral reefs, grasslands, temperate forests, tropical rainforests, and hot deserts. Overview of the climate, plants and animals within these ecosystems.</p>
<b>Asia</b>	<p>Name and locate China and identify physical and human features of China</p> <p>Explain the uneven population distribution of China</p> <p>Assess the success of attempts by China to manage population growth</p> <p>Name and locate Russia and identify physical and human features of Russia</p> <p>Examine geopolitical developments in the Arctic between Russia and surrounding countries</p> <p>Assess European dependence on energy supply from Russia</p> <p>Name and locate the countries of the Middle East and identify environmental regions of the Middle East</p>	<p>Y7 Exploring Places.</p> <p>Y8 Hot Deserts (UAE).</p>	<p>KS4 Case study of one LIDC or EDC. This should illustrate its changing economic development.</p> <p>KS4 Case study of one major city in an LIDC or EDC</p>

	<p>Explain the impacts of conflict on the development of Yemen, a Middle Eastern country.</p> <p>Explain how the monsoon results in wet-dry seasonal pattern in India</p> <p>The causes and impacts of rapid urbanisation on Dharavi (Mumbai, India).</p>		
<b>Biosphere</b>	<p>Explain what is meant by biosphere</p> <p>Name and locate major biomes</p> <p>Explain causes and effects of climate change in different areas of the world</p> <p>Explain the formation of coral reefs and their value for people and the environment</p> <p>Examine the threats to coral reefs and how they are being protected</p> <p>Explain different types of physical and chemical weathering</p> <p>Examine the formation of soil and its importance</p> <p>Identify soil characteristics</p> <p>Investigate the formation and development of sand dunes in coastal areas</p> <p>Examine waste management and energy supply in the UK and the impact on the biosphere</p> <p>Explain the causes and consequences of weather associated with low and high pressure</p> <p>Explain the distribution of different climatic regions in Africa</p> <p>Examine the causes and consequences of desertification in the Sahel region.</p> <p>Investigate microclimates in the school grounds.</p>	<p>Y7 Our planet (biomes / atmosphere).</p> <p>Y7 Coasts.</p> <p>Y7 Fieldwork.</p> <p>Y8 Cold environments.</p> <p>Y8 Hot deserts.</p>	<p>KS4 The definitions of the main geomorphic processes including types of weathering (mechanical, chemical, biological).</p> <p>KS4 Overview of how environments and ecosystems in the UK are used and modified by humans, including wind farms and to provide energy.</p> <p>KS4 A case study of one coral reef - their value to humans and to the planet, threats, and sustainable use and management.</p> <p>KS4 Environmental threats to the planet (drought hazard).</p>