

Subject:	Autumn HT 1:  Topic 1: Weather in the UK	Autumn HT 2  Topic 2: Climate Change	Spring HT 1  Topic 3: Crime	Spring HT 2  Topic 5: Extreme Weather	Summer HT 1  Topic 6: Biomes of the world	
Year 8	<ol style="list-style-type: none"> <li>1. I can define weather.</li> <li>2. I can name the instruments used in collecting weather data.</li> <li>3. I can create a climate graph using temperature and precipitation data.</li> <li>4. I can explain how wind direction, ocean currents, latitude, height of the land and distance from the sea impact on temperature.</li> <li>5. I can describe the weather conditions that are brought by different air masses.</li> <li>6. I can describe the process of the rain cycle and define key terms.</li> <li>7. I can explain the process of relief, frontal and convectional rainfall and draw a diagram for each process.</li> <li>8. I can recognise an anticyclone of a weather forecast.</li> <li>9. I can read a weather forecast and describe weather conditions from a weather forecast.</li> </ol>	<ol style="list-style-type: none"> <li>1. I can explain the evidence for climate change.</li> <li>2. To know the names of the theories linked to climate change.</li> <li>3. To understand how these theories work.</li> <li>4. To be able to explain what the greenhouse effect is.</li> <li>5. To be able to...contrast and evaluate different ways climate change can be mitigated.</li> <li>. To be able to write a detailed report on the UK and global effects of climate change.</li> <li>6. To explore how climate change is managed through adaptation and the costs and benefits of adapting to climate change.</li> </ol>	<ol style="list-style-type: none"> <li>1. Define crime.</li> <li>2. Explain why some crimes are more serious than others.</li> <li>3. Explain stereotyping and give examples</li> <li>4. To understand why crime exists at certain locations.</li> <li>5. To be able to analyse why crime varies at different locations.</li> <li>6. To describe how different methods of urban design may reduce crime.</li> <li>7. To be able to make choices for improving Preston City Centre using a cost grid.</li> <li>8. The know the different parts of London that are vulnerable to crime.</li> <li>9. Produce a Choropleth Map for a chosen crime and explain how crime is distributed across London.</li> <li>10. To understand the different crimes committed during the London Riots</li> <li>11. To be able to explain the causes, effects and</li> </ol>	<ol style="list-style-type: none"> <li>1. To understand why extreme weather occurs in the UK.</li> <li>2. To describe how hurricanes are formed.</li> <li>3. To be able to write a report on the causes effects and responses to Hurricane Katrina.</li> <li>4. Understand the impacts and responses of cyclone Nargis</li> <li>5. To suggest why the effects of tropical storms differs in an HIC and LIC.</li> <li>6. To be able to describe Tornado Ally</li> <li>7. To write a 9 mark GCSE question on the effects of a tornado.</li> <li>8. To analyse an extreme weather event in the world.</li> </ol>	<ol style="list-style-type: none"> <li>1. To explore the biomes of the World.</li> <li>2. To discover the environment and surroundings of each biomes.</li> <li>3. To explore the physical characteristics of a tropical rainforests.</li> <li>4. To examine the daily weather patterns in a tropical rainforest.</li> <li>5. To explore the structure of a tropical rainforest.</li> <li>6. To examine how animals have adapted to survive in tropical rainforests.</li> <li>7. Understand how plants have adapted to survive in tropical rainforests.</li> <li>8. To discover the lifestyle of an indigenous group of people.</li> <li>9. To explore the causes of deforestation in the Amazon.</li> </ol>	

	<p>10. I can compare the weather conditions of an anticyclone in the winter and the summer.</p> <p>11. I can categorise impacts of an anticyclone in to social, economic and environmental.</p> <p>12. I can explain the social, economic and environmental impacts of the 2003 summer anticyclone.</p> <p>13. I can describe the weather conditions a depression brings.</p> <p>14. I can annotate the features of a depression.</p> <p>15. I can describe the location of Somerset levels.</p> <p>16. I can describe the cause of the 2014 Somerset floods.</p> <p>17. I can explain the social, economic and environmental impacts of the 2014 Somerset floods.</p> <p>18. I can explain the immediate and long term responses to the 2014 Somerset floods.</p>		<p>responses to the London Riots.</p> <p>12. To know why keeping Academy@Worden safe is important.</p> <p>13. To understand where in our school are different security measures are in place and their purpose</p> <p>14. To be able to write a report for Mr. Catherall on the school's security and how you would improve it.</p>		<p>10. To examine the impacts of deforestation.</p> <p>11. To explore sustainable management of tropical rainforests.</p>	
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