

## UNIT TITLE: 8.4 Why are some areas becoming drier?



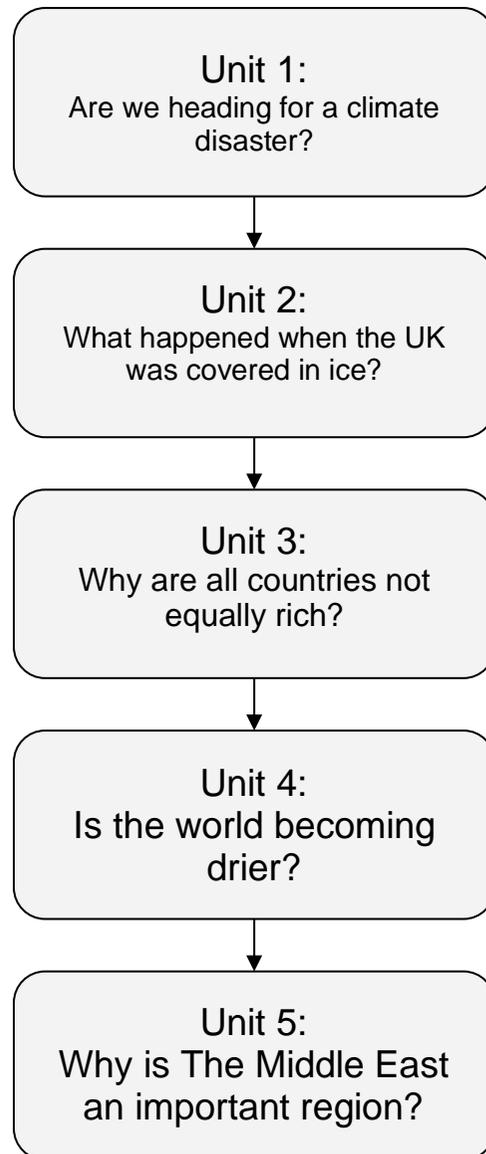
ALL SAINTS  
Sixth Form College



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<p><b>Possible Lesson Breakdown:</b></p> <ol style="list-style-type: none"> <li>1) What are hot deserts like?</li> <li>2) The location of hot deserts around the world</li> <li>3) Why are hot deserts found in certain locations?</li> <li>4)</li> <li>5) Explaining the location of hot deserts – literacy task</li> <li>6) Diagnostic and therapies 1</li> <li>7) What is desertification?</li> <li>8) The causes of desertification</li> <li>9) The impact of desertification 1</li> <li>10) Explaining the impact of desertification</li> <li>11) Revision/Reteach lesson</li> <li>12) End of unit test</li> </ol>	<p><b>Unit Knowledge: (key terms in bold)</b></p> <p><b>Knowledge Block 1</b></p> <ul style="list-style-type: none"> <li>• The characteristics of hot deserts (<b>rainfall, temperature, limited vegetation</b>).</li> <li>• The location of hot deserts around the world (30 degree <b>latitude</b>)</li> </ul> <p><b>Knowledge Block 2</b></p> <ul style="list-style-type: none"> <li>• The reasons why deserts are found in different places around the world: <b>Hadley Cells, rain shadow</b> effect, <b>prevailing wind</b> direction.</li> <li>• The role of <b>high pressure</b> and <b>low pressure</b> in Hadley cells.</li> </ul> <p><b>Knowledge Block 3</b></p> <ul style="list-style-type: none"> <li>• The causes of <b>desertification (climate change, deforestation, animal grazing, farming)</b>.</li> <li>• The impacts of desertification around the Gobi Desert</li> </ul>	<p><b>Assessment:</b></p> <p>Lesson 6 – Location of deserts diagnostic (KB1, KB2) Lesson 12 – End of unit test (KB1, KB2, KB3)</p> <hr/> <p><b>Literacy Tasks</b> – Personalised feedback given on each Lesson 5 – Explaining the location of hot deserts Lesson 10 – Explaining the impact of desertification</p> <hr/> <p><b>Skills Coverage</b></p> <ul style="list-style-type: none"> <li>• Using atlas maps on a range of scales</li> <li>• Climate graphs</li> <li>• Line graphs</li> <li>• Bar charts</li> <li>• Using satellite images</li> </ul>
<p><b>Tier 2 Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Prevailing</li> <li>• Characteristic</li> <li>• Surrounding</li> </ul>		<p><b>Notes</b></p>

## 5 Year Plan Outline



### Notes

This unit expands on students understanding of climatic factors developed in Year 7 and early in Year 8 to explain the reasons why hot deserts are located in certain parts of the world. Students also expand their knowledge of the impacts caused by climate change and deepen their understanding of how people interact and influence the world around them.

### Key Knowledge Themes:

**Changing weather and climate:** Climatic factors leading to deserts (Hadley cells, rain shadow, prevailing winds)

**Global Ecosystems:** Distribution and characteristics of hot deserts. The causes of desertification.

**People and where they live:** The migration of people caused by desertification.

**Resources and their management/global economic development:** The causes and impact of desertification

**Place knowledge:** Physical geography of China.

**A connected world:** Impact of resource use and climate change on desert regions.

### Links to Prior Learning:

**KS2 (based on primary experience):**

**Global Ecosystems: Yr 7 – Exploring the Arctic** Factors affecting the distribution of ecosystems, the components of ecosystems.

**People and where they live Yr 7 – Urbanisation in India** The causes of migration and population growth.

**Changing weather and climate: Yr 8 – Climate disaster**

Evidence of climate change and causes of climate change.

The impact of climate change around the world.

### National Curriculum Links:

Extend their knowledge and deepen their spatial awareness of the world's countries using maps of the world to focus on Asia (including China).

Understand geographical similarities, differences and links between places through the study of human and physical geography within a region of Asia.

Physical geography relating to: weather and climate

Human geography relating to: international development, the use of natural resources

