

## Year 7

Unit	<u>Intro duction to Geography and Maps</u> (7 weeks)	<u>Landscapes of the UK</u> (7 weeks)	<u>Urban World</u> (6 weeks)	<u>Weather &amp; Climate</u> (6 weeks)	<u>Resource Management</u> (6weeks)	<u>Fieldwork (local)</u> (7 weeks)
<b><u>Knowledge</u></b>	<p>Why geography is important.</p> <p>What the different types of geography we have.</p> <p>Basic world map knowledge.</p> <p>Including</p> <ul style="list-style-type: none"> <li>- Oceans, continents etc.</li> <li>- Directions, latitude / longitude</li> <li>- Major cities / important countries</li> <li>- Maps of different scales</li> <li>- Contour lines</li> <li>- Compass directions</li> </ul>	<p>The range of the UKs physical features.</p> <p>The journey of rivers journey from source to sea (i.e. from mountains to the coastline).</p> <p>The three stages of rivers / river features (meanders etc).</p> <p>The features of river channels and drainage basins.</p> <p>The different features and landforms found in coastal environments.</p> <p>The different coastal processes.</p> <p>How sand is transported and beaches form.</p>	<p>What megacities are and where they are created.</p> <p>An introduction to Lagos and Rio de Janeiro.</p> <p>Including</p> <ul style="list-style-type: none"> <li>- Where they are located</li> <li>- Comparison between both</li> </ul> <p>The solutions to urban challenges in different parts of the world.</p> <p>The causes of rural to urban migration.</p> <p>The benefits of aid in Nigeria.</p>	<p>What the difference is between weather and climate.</p> <p>How we measure weather.</p> <p>How clouds form .</p> <p>How storms form.</p> <p>What weather hazards are.</p> <p>The formation of storms / global wind patterns.</p> <p>How we define drought and the impact drought causes.</p> <p>The impacts of storms in the UK.</p> <p>A case study of tropical storm Haiyan.</p>	<p>What a resource is and why they are important.</p> <p>World food / water / energy supplies—where are they found.</p> <p>Which global resources are finite.</p> <p><u>Food</u></p> <ul style="list-style-type: none"> <li>- Provision worldwide</li> <li>- Increasing production</li> </ul> <p><u>Water</u></p> <ul style="list-style-type: none"> <li>- Global water supplies</li> <li>- Conflicts over water—Middle east conflict</li> </ul> <p><u>Energy</u></p> <ul style="list-style-type: none"> <li>- Current resources</li> <li>- Future energy supplies</li> <li>- Which are renewable</li> </ul>	<p><b>Fieldwork</b></p> <p>To what extent is the school hedgerow ecosystem affected by humans?</p> <ul style="list-style-type: none"> <li>- Background and hypotheses</li> <li>- Methodology and risk assessment</li> <li>- Data collection</li> <li>- Data presentation and analysis</li> <li>- Conclusion and evaluation</li> </ul>
<b><u>Skills</u></b>	<p>Basic compass directions</p> <p>Basic map skills</p> <p>Directions / co-ordinates</p> <p>Grid references</p> <p>Sketches</p> <p>Annotating photos</p>	<p>Describing graphs and maps</p> <p>Topographic maps</p> <p>River hydrographs</p> <p>Basic key term knowledge including erosional processes</p> <p>OS maps</p> <p>Diagram construction</p> <p>Contour lines</p>	<p>Population data analysis</p> <p>Problem solving</p> <p>Describing maps including choropleth and land use maps</p> <p>GIS</p> <p>Creating flow line / dispersion graphs</p>	<p>Annotating sketches</p> <p>Describing diagrams</p> <p>Data interpretation</p> <p>Describing weather maps</p> <p>Use of instruments</p> <p>Analysing climatic data and climate graphs</p>	<p>Developing decision making</p> <p>Analysing a variety of data sources</p> <p>Analysis of information</p> <p>Problem solving</p> <p>Evaluation</p> <p>Explaining</p>	<p>Collaborative work</p> <p>Data collection</p> <p>Data presentation</p> <p>Analysis</p> <p>Report writing</p> <p>Evaluation</p>