

## Year 7

Unit	<u>Introduction to Geography and Maps</u> (7 weeks)	<u>Development VIP</u> (7 weeks)	<u>Landscapes of the UK</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> </ul> <p>Skills learnt through location studies:</p> <p>Grid references Rio</p> <p>Contour lines Mt St Helens</p> <p>Scale Antarctica</p> <p>Field sketches Jurassic Coast</p> <p>Graphs China</p> <p>Images Mumbai</p>	<p>Introduction to VIP words, what they are and how they're used.</p> <p>The use of development indicators.</p> <p>The difference between standard of living and quality of life .</p> <p>Why tax is important to a functioning society.</p> <p>How development links to the environment.</p> <p>Understanding the north-south divide.</p> <p>How tourism can improve development.</p>	<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 the difference is between weather and climate.</p> <p>How we measure weather.</p> <p>Comparing high pressure and low pressure</p> <p>UK weather</p> <p>How does rain fall</p> <p><u>Flooding:</u></p> <ul style="list-style-type: none"> <li>- what are the causes of flooding.</li> <li>- what are the impacts of flooding (case study: Brig-house)</li> <li>- management of flooding</li> </ul>	<p>What a resource is and why they are important.</p> <p>World food and water 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> </ul> <p><u>Water</u></p> <ul style="list-style-type: none"> <li>- Global water supplies</li> <li>- Solutions to water scarcity</li> </ul> <p>Plastic pollution, its causes and effects.</p> <p>Waste management, evaluation of the different ways waste is managed.</p> <p>Plastic pollution solutions, creative task.</p>	<p><b>Fieldwork</b></p> <p>What is an ecosystem?</p> <p>Biotic and abiotic factors</p> <p>Food chains and food webs</p> <p>Temperate deciduous forest biome</p> <p>Biodiversity</p> <p>Factors that affect an ecosystem</p> <p>Fieldwork enquiry:</p> <p>How does biodiversity change with increasing distance from school?</p> <ul style="list-style-type: none"> <li>- Background and hypothesis</li> <li>- Methodology and risk assessment</li> <li>- Data collection</li> <li>- Sampling strategies</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>Population data analysis</p> <p>Problem solving</p> <p>Describing maps including choropleth and land use maps</p> <p>Reading geographical text</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>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>