



## Year 4 - Learning objectives and skills

Unit 1		Unit 2		Unit 3		Unit 4					
Why do so many British people go to the Mediterranean for their holidays?		How are mountains formed and what causes an earthquake, tsunami or volcano?		How do we energise our homes and country?		What are biomes and how are they created?					
<div>1. <b>Link it! – Hook to prior learning</b></div> <div>2. <b>Where exactly is the Mediterranean?</b></div> <div>3. <b>Which countries border the Mediterranean Sea and what do we know about them?</b></div> <div>4. <b>How do the human and physical features of the UK differ from those of the Mediterranean countries?</b></div> <div>5. <b>How can we compare and contrast a holiday resort on the Mediterranean with that of one in the UK?</b></div> <div>6. <b>What is Brexit and why is it important to know about it?</b></div> <div>7. <b>Show it – Project</b></div> <div>8. <b>Know it - Make it stick</b></div>	<div>Knowledge</div> <div>Know why the Mediterranean is an attractive holiday destination</div> <div>Locate the Mediterranean on a map and globe</div> <div>Know which countries are on the Mediterranean coast</div> <div>Consider the climate of the UK and that of the Mediterranean each month</div> <div>Compare and contrast a holiday resort on the Mediterranean with that of one in the UK</div> <div>Consider similarities and differences of food, language, lifestyle, especially jobs</div>	<div>1. <b>Link it! – Hook to prior learning</b></div> <div>2. <b>What lays beneath our feet? (tectonic plates etc)</b></div> <div>3. <b>Which are the most well known mountains in the UK and the rest of the world?</b></div> <div>4. <b>How can a relief map be transformed into a model of a mountain?</b></div> <div>5. <b>What causes an earthquake?</b></div> <div>6. <b>What causes a volcano?</b></div> <div>7. <b>Show it – Project</b></div> <div>8. <b>Know it - Make it stick</b></div>	<div>Knowledge</div> <div>Know how mountains were formed and what causes earthquakes or volcanoes</div> <div>Know what tectonic plates are</div> <div>Know how mountains are formed</div> <div>Know and locate the best known mountains in the UK and the world</div> <div>Know what causes an earthquake</div> <div>Know what causes a volcano</div>	<div>1. <b>Link it! – Hook to prior learning</b></div> <div>2. <b>How important is electricity for homes and industry?</b></div> <div>3. <b>How do we generate energy in the UK?</b></div> <div>4. <b>What do we mean by alternative or renewable energy?</b></div> <div>5. <b>What do we mean by fossil fuel?</b></div> <div>6. <b>Who are the people that work in the energy industry?</b></div> <div>7. <b>Show it – Project</b></div> <div>8. <b>Know it - Make it stick</b></div>	<div>Knowledge</div> <div>Know how we energise ourselves in the UK</div> <div>Know how important electricity is for our homes and industry</div> <div>Know what is meant by nuclear and coal powered energy</div> <div>Know why it is important consider alternative energy</div> <div>Know which countries have natural energy resources</div> <div>Know what is meant by fossil fuel</div>	<div>1. <b>Link it! – Hook to prior learning</b></div> <div>2. <b>What are different types of biomes and what creates them?</b></div> <div>3. <b>What are the main features of tundra and deserts?</b></div> <div>4. <b>Why is the Lake District a unique environment?</b></div> <div>5. <b>Where are the different regions in the world where different biomes exist?</b></div> <div>6. <b>Can you carry out an in-depth study of a type of biome and present findings to others in the class?</b></div> <div>7. <b>Show it – Project</b></div> <div>8. <b>Know it - Make it stick</b></div>	<div>Knowledge</div> <div>Know the similarities and differences between a tundra and a desert</div> <div>Know what is meant by a ‘tundra’ and locate them in across the world</div> <div>Know where the world’s most famous and largest deserts are situated</div> <div>Explain the main features of a tundra</div> <div>Know how people have adapted to live in tundra and deserts</div> <div>List the main differences between a tundra and a desert</div>				
	#BTK and Links with other subjects										
	Literacy – postcard writing				Catholic Social Teaching - Stewardship						

Vocabulary from Glossary			
<p><b>Paella</b> - A rice dish which usually includes prawns</p> <p><b>All-inclusive</b> - A holiday hotel where food and drinks have been included in the original price</p> <p><b>vacation</b> - A period of not working - originally an American term</p> <p><b>olives</b> - Fruit that grows in olive groves and very popular in the Mediterranean</p> <p><b>Feta cheese</b> - A white rubbery cheese usually cut into cubes and served as part of a Greek salad</p> <p><b>Greek islands</b> - A group of islands off the Greek coast which are very popular holiday destinations</p>	<p><b>tectonic plates</b> - Slabs of moving rock on the Earth’s outer shell</p> <p><b>lava</b> - Hot, molten or semi-fluid rock</p> <p><b>strata</b> - Layers of rock</p> <p><b>eruption</b> - An explosion of steam or lava from a volcano</p> <p><b>summit</b> - The very top of the mountain</p> <p><b>tsunami</b> - A long, high wave usually caused by an earthquake in the ocean</p>	<p><b>solar energy</b> - Energy that comes from the Sun</p> <p><b>conservation</b> - Prevention of wasteful use of a resource</p> <p><b>fossil fuel</b> - Formed in the geological past from the remains of living organisms</p> <p><b>renewable energy</b> - Energy from a source that is not depleted when used, such as wind or solar power</p> <p><b>nuclear</b> - Powered by the energy released in nuclear fusion</p> <p><b>wind turbine</b> - Energy powered by wind is collected through wind turbines</p>	<p><b>biome</b> - A large region of Earth that has a certain climate and certain types of living things</p> <p><b>tundra</b> - A cold and frozen landscape with a short growing season</p> <p><b>desert</b> - Areas of the Earth that are extremely dry and don’t get much rain</p> <p><b>landscape</b> - Part of the Earth’s surface that can be viewed at one time from one place</p> <p><b>marine biome</b> - Large expanse of water such as oceans</p> <p><b>grasslands</b> - Large open areas of grass and although trees can be present, but they are infrequent</p>