

Year 1/2	<p><b>Where do I live in the world?</b></p> <ul style="list-style-type: none"> <li>- Where is Plymouth in the world?</li> <li>- What are human and physical features?</li> <li>- What are the humans and physical features of the UK? (<i>Link to capital cities of the UK</i>)</li> <li>- What are physical and humans features of Plymouth?</li> <li>- How can I use a compass to find locations in the UK and around Plymouth?</li> <li>- What does the weather look like in Plymouth over the year?</li> <li>- <b>Weather collection – fieldwork – data</b></li> <li>- Answer main question</li> </ul>	<p><b>What is the geography of where I live?</b></p> <ul style="list-style-type: none"> <li>- Where is my school in the world? (recap world, UK, Southwest and Plymouth)</li> <li>- How do I use a compass to give directions around my school?</li> <li>- How can I use aerial photos to identify human and physical features?</li> <li>- What is a map and how do they help us (symbols, grid reference)</li> <li>- What does our school look like to an alien?</li> <li>- What does our local area look like to an alien?</li> <li>- Answer main question</li> </ul> <p><b>Walk in the local area – local study</b></p>	<p><b>Why do we love being beside the seaside?</b></p> <ul style="list-style-type: none"> <li>- What is a seaside and where are the nearest beach near me?</li> <li>- Can I use aerial photographs to identify human and physical features of the seaside?</li> <li>- Do all beaches look the same? (St Ives, Scotland and a non-European beach) <b>Compare temp - fieldwork</b></li> <li>- Why do people use the beaches?</li> <li>- <b>Trip to Mount Batten (survey/fieldwork) survey – why are people visiting MB?</b></li> <li>- Why are beaches tourist locations?</li> <li>- Answer main question</li> </ul> <p><b>Ocean Curriculum – Principle 2 and 6</b></p>
Year 1/2	<p><b>Where does our food come from?</b></p> <p>Book: The world come to my place today.</p> <ul style="list-style-type: none"> <li>- Where does my food come from (milk, apples, chocolate, bananas, bread) What can I learn from the name of the book?</li> <li>- Can I find and label the seven continents on a world map?</li> <li>- Can I find and label the 5 oceans on a world map? <b>Ocean Curriculum – Principle 1</b></li> <li>- Can I find on a world map where my food has come from?</li> <li>- <b>Can I find where my food comes from in the local supermarket? (trip)</b></li> <li>- Why do we have to get some food from hot countries? Are the countries hot or cold?</li> <li>- <b>Fieldwork – comparison hot and cold temp</b></li> <li>- Answer main question</li> </ul>	<p><b>How does the weather effect our lives?</b></p> <ul style="list-style-type: none"> <li>- What is the weather like when I look out my window?</li> <li>- What is a weather forecast?</li> <li>- What are weather symbols used for?</li> <li>- If I wanted to find what the weather would be tomorrow what could I find out?</li> <li>- Can I keep a diary of the weather over a week? <b>Fieldwork</b></li> <li>- How can I record the weather using a weather station? (build a weather station)</li> <li>- How does my clothes change when the season changes?</li> <li>- Answer main question</li> </ul> <p><b>Ocean Curriculum – Principle 3</b></p>	<p><b>Can a polar bear survive in the desert?</b></p> <ul style="list-style-type: none"> <li>- Where are the hot places and cold places on a world map?</li> <li>- What is a desert? (hot)</li> <li>- What are the north and south poles and why would polar bears like it?</li> <li>- What human and physical features would I find the north and south poles? Are there any human features by the north and south pole?</li> <li>- Which continents would I find polar bears in the wild? Which oceans could a polar bear swim in?</li> <li>- What would it be like to live in the artic compared to a place on the equator? What would the average daily temperature be? <b>Fieldwork</b></li> <li>- Answer main question</li> <li>- <b>Ocean Curriculum – Principle 5</b></li> </ul>

Year 3/4  Cycle A	<b>What would I see on a walk to Poole Farm?</b>  <b>Walk to Poole Farm - Local Study – survey</b> - fieldwork <ul style="list-style-type: none"> <li>- How can I find out what there is to do around me?</li> <li>- Can I use Google Earth to plan a route I could take from Thornbury Primary School to Bircham Valley?</li> <li>- Can I sketch and take photographs of Bircham Valley?</li> <li>- What human and physical features can I see at Poole Farm?</li> <li>- What is the purpose of Poole Farm. How does it help my community? <b>Survey</b></li> <li>- Answer main question</li> </ul>	<b>How can we live more sustainably?</b>  <ul style="list-style-type: none"> <li>- Why do we need to be sustainable? What is the difference between renewable and non-renewable resources?</li> <li>- How is electricity generated? (hydroelectric power station/solar panels/wind turbines) <b>data collection – percentage - fieldwork</b></li> <li>- How have sources of energy used to make electricity in the UK changed? <b>data collection – percentage - fieldwork</b></li> <li>- How can introducing solar cookers in some of the world's poorest countries make the lives of people more sustainable?</li> <li>- How can my life at home be more environmentally sustainable?</li> <li>- How can creating new habitat for birds be a good example of sustainable development.</li> <li>- Answer main question</li> </ul>	<b>What are national parks for?</b>  <b>Trip to Dartmoor - survey</b> <ul style="list-style-type: none"> <li>- What is a national park and where are they in the UK? (Human and physical features)</li> <li>- Why do people visit national parks?</li> <li>- What are the features of a national park in the UK compared to a national park in the USA?</li> <li>- Who looks after national parks?</li> <li>- How are national parks affected by human activity?</li> <li>- What makes Dartmoor a national park?</li> <li>- Answer main question</li> </ul>
Year 3/4  Cycle B	<b>What is the Sunshine State really like?</b>  <ul style="list-style-type: none"> <li>- What are the physical and human features of Florida?</li> <li>- Why do tourists visit Florida? <b>Fieldwork – analysis number of people travelling to Florida over the year.</b></li> <li>- What is a peninsula?</li> <li>- Why are hurricanes a threat for Florida and how do residents protect themselves?</li> <li>- Answer main question</li> </ul>	<b>How has the River Tamar impacted Plymouth?</b>  <b>Fieldwork opportunity - go to a local river (Blunts Lane)</b> <ul style="list-style-type: none"> <li>- How long is the River Tamar?</li> <li>- What are the different stages of the river?</li> <li>- What are the geographical features found along the course of a river? <b>Labelling and discussion around features.</b></li> <li>- How does our community use the River Tamar and its tributaries? <b>Fieldwork – data</b></li> <li>- Why are large cities and towns often build close to rivers?</li> <li>- Are rivers the same all over the world? <b>Fieldwork – comparison data</b></li> <li>- Answer main question</li> </ul> <b>Ocean Curriculum – Principle 1 and 2</b>	<b>Why are jungles so wet and deserts so dry?</b>  <ul style="list-style-type: none"> <li>- What is the climate? Why is it different across the United Kingdom?</li> <li>- Can I identify and describe wet and dry climates around the world?</li> <li>- How can I use climate graphs to help me understand patterns? <b>fieldwork</b></li> <li>- Why does climate affect the landscape of different biomes and the plants and animals that live there?</li> <li>- Why is the jungle of the Amazon Rainforest so wet and humid?</li> <li>- Why are deserts so dry? <b>Fieldwork - Temp graphs and rainfall comparison (Amazon vs UK)</b></li> <li>- Answer main question</li> </ul> <b>Ocean Curriculum – Principle 3</b>

Year 5/6  Cycle A	<p><b>How can land shifts be dangerous?</b></p> <ul style="list-style-type: none"> <li>- Do I understand the structure of the Earth?</li> <li>- How do tectonic plates cause earthquakes?</li> <li>- What is a tsunami?</li> <li>- What is a mountain? <b>Fieldwork use topographical – ordinance survey maps.</b></li> <li>- What does it look like inside a volcano when it is erupting?</li> <li>- What should I put in a survival kit?</li> <li>- Answer main question</li> </ul> <p>1 group investigating earthquakes. 1 groups study tsunamis. 1 groups volcanos. Present findings</p>	<p><b>Why is Greece a popular tourist destination?</b></p> <ul style="list-style-type: none"> <li>- Where in the world is Greece?</li> <li>- What are the geographical features of Greece and why is it a popular tourist attraction?</li> <li>- What is Greece's climate, and can I identify average temperatures? <b>Fieldwork – data comparison</b></li> <li>- What are vegetation belts and biomes? Flora and fauna</li> <li>- <b>How does Greece's physical features impact farming and agriculture? What food originates from Greece? Fieldwork key food export</b></li> <li>- Answer main question</li> </ul> <p><b>Ocean Curriculum – Principle 6</b></p>	<p><b>How is climate change affecting the world?</b> <b>Fieldwork – data collection</b></p> <ul style="list-style-type: none"> <li>- What is climate change and what is causing it?</li> <li>- Where is The Gambia? Why is it vulnerable to climate change?</li> <li>- How are changes in climate affecting the lives of people living in The Gambia? <a href="#">The gambia floods and draughts - Google Search</a></li> <li>- Can I identify the importance of flood defences in overcoming the affects of climate change? (UK)</li> <li>- Where is Greenland and why is it vulnerable compared to the Gambia.</li> <li>- Can I debate the positives and negatives of climate change on Greenland?</li> <li>- Answer main question</li> </ul> <p><b>Ocean Curriculum – Principle 3 and 6</b></p>
Year 5/6  Cycle B	<p><b>Why do so many people live in megacities?</b></p> <ul style="list-style-type: none"> <li>- What is a megacity and where are they located? <b>Fieldwork – population data</b></li> <li>- What are the features of a megacity?</li> <li>- Why does a city become a megacity?</li> <li>- Why is Brasilia the fastest growing city in Brazil? (Link to the Amazon)</li> <li>- What are the advantages and disadvantages of living in cities?</li> <li>- Answer main question</li> </ul> <p>Research project of 3 megacities. Children pick 3 megacities.</p>	<p><b>Why is fair trade fair?</b></p> <ul style="list-style-type: none"> <li>- What is fair trade?</li> <li>- What countries and industries have fair trade?</li> <li>- Why and how do countries trade with each other? <b>(fieldwork – survey ask people about fair trade @ Asda)</b></li> <li>- Why isn't everything fair trade? <b>(Compare two products – one fairtrade and one not. Why? Cost of living crisis)</b></li> <li>- What is the Silk Road and why is it so important for fair trade?</li> <li>- Is fair trade fair?</li> <li>- Answer main question</li> </ul> <p><b>Ocean Curriculum – Principle 6</b></p>	<p><b>Why are the rainforests known as 'The Earth's Lungs?'</b> <b>Trip to the Eden Project</b></p> <ul style="list-style-type: none"> <li>- What are rainforests and where are they?</li> <li>- What are the different climate zones across the world?</li> <li>- What are the different layers of a rainforest?</li> <li>- Can I locate the Amazon in South America? (compare and note cities)</li> <li>- <b>Fieldwork – data – rainfall, temp graphs and size (deforestation).</b></li> <li>- Why are rainforests important?</li> <li>- Why is the rainforest disappearing and does this impact me? (Link to deforestation and trade – Eden Project)</li> <li>- Why and how are some rainforest species endangered?</li> <li>- Answer main question</li> </ul>