

Curriculum Map: Geography Year 8

	Autumn	Spring	Summer
	Risky World	Changing Climates	Coasts
Content Declarative knowledge 'I Know'	The hazards created by earthquakes and volcanoes How the continents of the world fit together That the continents are moving That the Earth is consists of different layers What the lithosphere is What a tectonic plate is The different types of plate boundary That the tectonic plates move What an earthquake is The damage an earthquake can cause How the strength of earthquakes is measured How people recover from earthquakes How people can prepare for earthquakes What a volcano is The different hazards associated with volcanoes How people respond to volcanic eruptions How people can prepare for volcanic eruptions	What the terms 'weather' and 'climate' mean What climate change is The causes of climate change What the consequences of climate change are That the consequences of climate change vary around the world How Bangladesh is being impacted by climate change That the effects of climate change might affect poorer countries more than richer countries The strategies used to mitigate against climate change What individuals can do to manage the impacts of climate change What large organisations can do to manage the impacts of climate change Examples of how some countries are adapting to climate change	What waves are and how they are caused The four different types of erosion What a headland and bay is What a cliff is What caves, arches, stacks and stumps are What longshore drift is The four different types of transportation What spits, bars and tombolos are What soft coastal engineering is What hard coastal engineering is Where Happisburgh is and what coastal processes are taking place there Where Newquay is and why it is a popular tourist destination What jobs are available at the coast
Skills Procedural Knowledge	Explain the theory of continental drift Observe and analyse evidence of a scientific theory	Explain why climate change is an important issue Explain the causes of climate change	Explain the factors that lead to wave formation

<p>'I know how to'</p>	<p>Describe the pattern of earthquakes, volcanoes and mountain belts</p> <p>Describe the characteristics of the different layers of the Earth</p> <p>Describe composition of the lithosphere</p> <p>Explain tectonic theory</p> <p>Explain what happens at each type of plate boundary</p> <p>Explain the forces behind tectonic plate movement</p> <p>Explain how an earthquake is caused</p> <p>Analyse how people manage the risk from earthquakes</p> <p>Analyse the factors affecting how well communities can respond to an earthquake</p> <p>Explain how a volcano is formed</p> <p>Analyse how people manage the risk from volcanic eruptions</p> <p>Analyse the factors affecting how well communities can respond to a volcanic eruption</p> <p>Explain the advantages and disadvantages of living near volcanoes</p> <p>Make links between development and hazard risk</p>	<p>Distinguish between natural and human causes of climate change</p> <p>Evaluate which causes of climate change are the most significant</p> <p>Explain how the greenhouse effect causes global warming</p> <p>Explain the differences between weather and climate</p> <p>Explain why consequences of climate change vary around the world</p> <p>Evaluate which areas of the world are most at risk from the impacts of climate change</p> <p>Analyse the effectiveness of strategies used to mitigate against climate change</p> <p>Assess the limitations of how climate change can be mitigated by individual actions</p> <p>Evaluate the attempts of large organisations to manage the impacts of climate change</p>	<p>Explain how the four types of erosion can create different coastal landforms</p> <p>Analyse the role of geology in the formation of headlands and bays</p> <p>Evaluate the danger of cliff retreat</p> <p>Assess the role of erosion in the formation of caves, arches, stacks and stumps</p> <p>Explain the conditions needed for longshore drift to take place</p> <p>Explain the difference between the four different types of transportation</p> <p>Assess the role of deposition in the formation of spits, bars and tombolos</p> <p>Evaluate the advantages and disadvantages of soft coastal engineering</p> <p>Evaluate the advantages and disadvantages of hard coastal engineering</p> <p>Assess the risk that coastal processes pose to communities in Happisburgh</p> <p>Evaluate the advantages and disadvantages of tourism in Newquay</p> <p>Explain why the coast is important to the UK's economy</p>
<p>Strategies Conditional Knowledge 'I know when to'</p>	<p>I know when to apply my declarative and procedural knowledge to develop my understanding of the six core geographical concepts:</p> <ul style="list-style-type: none"> - Place - Processes - Perspectives 	<p>I know when to apply my declarative and procedural knowledge to develop my understanding of the six core geographical concepts:</p> <ul style="list-style-type: none"> - Place - Processes - Perspectives 	<p>I know when to apply my declarative and procedural knowledge to develop my understanding of the six core geographical concepts:</p> <ul style="list-style-type: none"> - Place - Processes - Perspectives

	<ul style="list-style-type: none"> - Interactions - Sustainability - Skills 	<ul style="list-style-type: none"> - Interactions - Sustainability - Skills 	<ul style="list-style-type: none"> - Interactions - Sustainability - Skills
Key Questions	<p>Place: Where in the world do people experience earthquakes and volcanoes</p> <p>Processes: How are earthquakes and volcanoes formed?</p> <p>Perspectives: Why do people choose to live near volcanoes?</p> <p>Interactions: How do people cope with the risk of natural hazards?</p> <p>Sustainability: Can people continue to live safely in the presence of natural hazards?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>	<p>Place: How does climate vary across the world?</p> <p>Processes: What is causing global climate patterns to change?</p> <p>Perspectives: Why do some people think that climate change isn't a big problem?</p> <p>Interactions: How do people cope with the impacts of climate change?</p> <p>Sustainability: How can we mitigate against the impacts of climate change to protect future generations?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>	<p>Place: Why are some places at risk from coastal processes?</p> <p>Processes: How do erosion and deposition shape our coastline?</p> <p>Perspectives: Why are some people opposed to hard engineering strategies?</p> <p>Interactions: How do people cope with the impacts coastal erosion and deposition?</p> <p>Sustainability: How can we use the coastline to our advantage without interrupting natural processes?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>
Assessment topics	Exam-style test with a range of short and long answer questions, encouraging pupils to utilise knowledge and skills acquired during the topic	Exam-style test with a range of short and long answer questions, encouraging pupils to utilise knowledge and skills acquired during the topic	Exam-style test with a range of short and long answer questions, encouraging pupils to utilise knowledge and skills acquired during the topic
Cross curricular links/Character Education	<p>Development of understanding how different communities face different risks based on their geographical location</p> <p>Understanding of how economic development can impact vulnerability to hazards</p> <p>Links to: earth science, geology, lithology</p>	<p>Development of understanding of what it means to be a 'global citizen' and how a coordinated global effort is needed to fight the causes and impacts of climate change</p> <p>Links to: earth science, meteorology</p>	<p>Understanding of community resilience</p> <p>Understanding of differing viewpoints on coastal management</p> <p>Links to: geology, integrated risk management</p>