

Year 10 Curriculum Overview 2026-27

Geography

[illegible]

HT2	Natural Hazards	hazard • Explain factors which can increase the risk of natural hazards	Tectonic hazards (Yr9)	Star Strategy • Speak confidently • Think critically • Articulate through writing • Read with purpose • Key vocabulary • Description and explanation based • extended writing • Extended exam • Answers	• Communication – Presenting ideas, debating geographical issues and explaining evidence clearly. • Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. • Decision Making – Weighing up different viewpoints before reaching justified conclusions. • Global Awareness – Understanding different cultures, economies and international issues. • Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Formative throughout the topic
	Earthquakes and volcanic eruptions are the result of physical processes. The Effects of Tectonic Hazards Managing the Effects of a Tectonic Hazard	Explain plate tectonics theory • Describe the global distribution of earthquakes and volcanic eruptions and there relationship to plate margins. • Explain the physical processes taking place at different types of plate margin (constructive, destructive and conservative) that lead to earthquakes and volcanic activity. • Define the difference between primary and secondary effects of a tectonic hazard • Define the difference between immediate and long-term responses to a tectonic hazard • Use named examples to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth. • Explain reasons why people live near volcanoes • Explain the different management strategies that can be used to manage the effects of a tectonic hazard (protection, prediction and planning) • Assess the effectiveness of the different management strategies • Identify the different features of the global atmospheric circulation model • Explain how the global atmospheric circulation model impacts the climate globally • Describe the global distribution of				Exam question each lesson MCQ's Linear end of topic assessment. Formative throughout the topic

HT3	Global Atmospheric Circulation Tropical Storms The effects of Tropical Storms The UK Extreme Weather	tropical storms (hurricanes, cyclones, typhoons). • Understanding of the relationship between tropical storms and general atmospheric circulation. • Explain the causes of tropical storms and the sequence of their formation and development. • Describe the structure and features of a tropical storm. • Explain how climate change might affect the distribution, frequency and intensity of tropical storms. • Explain the primary and secondary effects of tropical storms. • Explain the immediate and long-term responses to tropical storms. • Case study of a tropical storm- Typhoon Haiyan • Explain how monitoring, prediction, protection and planning can reduce the effect. • Explain the evidence that suggests the weather is becoming more extreme in the UK. Case study of the UK heatwave 2022. • Describe and explain the evidence for climate change from the beginning of the Quaternary period to the present day • Define the difference between natural and human factors • Explain the natural factors that cause climate change • Explain the human factors that cause	Weather and climate (Yr7)	• Speak confidently • Think critically • Articulate through writing • Read with purpose • Key vocabulary • Description and explanation based • extended writing • Extended exam • Answers Star Strategy	• Communication – Presenting ideas, debating geographical issues and explaining evidence clearly. • Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. • Decision Making – Weighing up different viewpoints before reaching justified conclusions. • Global Awareness – Understanding different cultures, economies and international issues. • Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Exam question each lesson MCQ's Summative end of topic assessment.
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	The Causes and Effects of Climate Change Managing Climate Change	change • Explain the effects of climate change on people and the environment. • Define the difference between mitigation and adaptation • Identify different mitigation and adaptation strategies • Explain how adaptation strategies help to reduce the effects of climate change • Explain how mitigation methods help to reduce the effects of climate change • Assess the effectiveness of the different management strategies	Climate change (Yr8) Sustainability (Yr9)	• Speak confidently • Think critically • Articulate through writing • Read with purpose • Key vocabulary • Description and explanation based • extended writing • Extended exam • Answers	• Communication – Presenting ideas, debating geographical issues and explaining evidence clearly. • Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. • Decision Making – Weighing up different viewpoints before reaching justified conclusions. • Global Awareness – Understanding different cultures, economies and international issues. • Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Formative throughout the topic Exam question each lesson MCQ's Linear end of topic assessment.
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Geography

Spring Term	Knowledge & Understanding			Literacy Skills	Employability Skills [if any]	Assessment Opportunities
	Composites	Components [KEY concepts & subject specific vocab]	Formal Retrieval [if any]	Opportunities for developing literacy skills		
HT4	Coastal processes	- Describe the types of wave and compare their characteristics - Types of weathering– mechanical and chemical - Types of mass movement – sliding, slumping and rock falls - Types of erosion – hydraulic power, abrasion and attrition - Types of transportation – longshore drift - Explain reasons why material is deposited in coastal areas	Coasts (Yr 9)	Star Strategy - Speak confidently - Think critically - Articulate through writing - Read with purpose - Key vocabulary - Description and explanation based - extended writing - Extended exam - Answers	Communication – Presenting ideas, debating geographical issues and explaining evidence clearly. Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. Decision Making – Weighing up different viewpoints before reaching justified conclusions. Global Awareness – Understanding different cultures, economies and international issues. Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Formative throughout the topic Exam question each lesson MCQ's Linear end of topic assessment.
	Coastal Landforms	- Explain how geological structure and rock type influence coastal forms - Characteristics and formation of landforms resulting from erosion – headlands and bays, cliffs and wave cut platforms, caves, arches and stacks - Characteristics and formation of landforms resulting from deposition – beaches, sand dunes, spits and bars				
	Coastal Management	An example of a section of coastline in the UK to identify its major landforms of erosion and deposition- The Holderness Coast, East coast of England				

HT5	The Long Profile of a River	- Describe the physical characteristics of each course of a river - Describe and explain how the shape of a river valley change as rivers flow downstream	Rivers (Yr8)	Star Strategy - Speak confidently - Think critically - Articulate through writing - Read with purpose - Key vocabulary - Description and explanation based - extended writing - Extended exam - Answers	Communication – Presenting ideas, debating geographical issues and explaining evidence clearly. Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. Decision Making – Weighing up different viewpoints before reaching justified conclusions. Global Awareness – Understanding different cultures, economies and international issues. Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Formative throughout the topic Exam question each lesson MCQ's Linear end of topic assessment.
	Fluvial Processes	- Types of erosion – hydraulic action, abrasion, attrition, solution, vertical and lateral erosion - Types of transportation – traction, saltation, suspension and solution - Explain why rivers deposit sediment				
	River Landforms	- Characteristics and formation of landforms resulting from erosion – interlocking spurs, waterfalls and gorges - Characteristics and formation of landforms resulting from erosion and deposition – meanders and ox-bow lakes - Characteristics and formation of landforms resulting from deposition – levées, flood plains and estuaries - An example of a river valley in the UK to identify its major landforms of erosion and deposition				
	Flood Management	- Explain how physical and human factors affect the flood risk – precipitation, geology, relief and land use. - The use of hydrographs to show the relationship between precipitation and discharge - The costs and benefits of the following management strategies - Hard engineering – dams and reservoirs, straightening, embankments, flood relief channels - Soft engineering – flood warnings and preparation, flood plain zoning, planting trees and river restoration. - flood management case study.				

HT6	River fieldwork enquiry based on trip to the Peak District	Pupils conduct their physical fieldwork and conduct their write up/answer exam questions.		Star Strategy - Speak confidently - Think critically - Articulate through writing - Read with purpose - Key vocabulary - Description and explanation based - extended writing - Extended exam - Answers	Problem Solving – Investigating real-world geographical challenges and proposing sustainable solutions. Decision Making – Weighing up different viewpoints before reaching justified conclusions. Data Analysis – Interpreting graphs, maps, photographs and geographical data to identify patterns and trends.	Formative throughout the topic Exam question each lesson MCQ's Linear end of topic assessment.
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