

Geography

KS2 Prior Knowledge

Students should have knowledge of Europe including Russia and North and South America and the UK. They should have an understanding of Key aspects of physical geography including climate, ecosystems, tectonics and water. They should be able to use 4 figure and 6 figure grid references and fieldwork to observe, measure and record data in the local area.

Year 7

Year 8

Year 9

Year 10

Year 11

Content

What is a geographer?
 What happens where land meets sea?
 How do we use our planet as a natural resource?
 Why are rivers important?
 Is the geography of Russia a curse or a benefit?
 How are urban areas changing?

What is weather and climate?
 Diverse and dynamic: How is Asia being transformed?
 What are the challenges and opportunities facing Africa?
 Why is the Middle East an important world region?
 Can we ever know enough about earthquakes and volcanoes to live safely?
 What is the future for the planet?
 A geographer's view

Introduction to GCSE (September to February)
 Living in a poor
 Global themes
 The problem of people
 Marine issues
 Glaciation

GCSE Physical Environment (Paper 1)
 The changing landscapes of the UK
 Coastal processes and landscapes

GCSE Geographical Skills and UK Challenges (Paper 3)
 Investigation of coastal processes through landscape evidence

GCSE Physical Environment (Paper 1)
 River processes and landscapes
 Weather hazards and climate change
 Ecosystems, Biodiversity and management.

GCSE Human Environment (Paper 2)
 Changing cities

GCSE Geographical Skills and UK Challenges (Paper 3)
 Changing city environments – investigating change in central/inner urban area(s)

GCSE Human Environment (Paper 2)
 Global development
 Resource management
 Energy resource management

GCSE Geographical Skills and UK Challenges (Paper 3)
 The UK's resource consumption and environmental sustainability challenge
 The UK settlement, population and economic challenges
 The UK's landscape challenges
 The UK's climate change challenges

Skills

<p><u>Demonstrate knowledge of locations, places, processes, environments and different scales.</u> Local scale through to continental scale. An in-depth study of Russia.</p> <p><u>Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes:</u> the inter-relationships between places, environments and processes Coastal and river processes including weathering, erosion, transport and deposition.</p> <p><u>Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.</u> Using local fieldwork to draw conclusion from data collected.</p> <p><u>Select, adapt and use a variety of skills and techniques to investigate questions and issues and to make judgements.</u> Interpretation of data through local fieldwork. Interpretation of a variety of types of maps e.g. choropleth and use of the OS map.</p>	<p><u>Demonstrate knowledge of locations, places, processes, environments and different scales.</u> Studies of Asia, Africa and the Middle East.</p> <p><u>Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes:</u> the inter-relationships between places, environments and processes Tectonic landscapes and geological timescale. Atmospheric processes relating to weather and climate.</p> <p><u>Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.</u> Analyse, interpret and apply information on weather and climate and on areas of the world. Make judgements about how the future might be shaped by geographical processes</p> <p><u>Select, adapt and use a variety of skills and techniques to investigate questions and issues and to make judgements.</u> Interpretation of weather and climate data and country profiles to produce a range of graphical and cartographic data presentation techniques.</p>	<p><u>Demonstrate knowledge of locations, places, processes, environments and different scales.</u> Africa focusing on Ghana in living in a poor country and the UK through landscapes..</p> <p><u>Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes:</u> the inter-relationships between places, environments and processes Glacial processes and geological timescale. Ocean processes and influence on climate change. International development. An In depth of understanding of geology of the UK and coastal landscapes and processes.</p> <p><u>Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.</u> Interpretation of data through oceans, and development and population information ranging from the census to the HDI.</p> <p><u>Select, adapt and use a variety of skills and techniques to investigate questions and issues and to make judgements.</u> Using secondary research on water management project to make judgements on locations on wells.</p>	<p><u>Demonstrate knowledge of locations, places, processes, environments and different scales.</u> UK through landscapes. Located examples of Hurricanes, drought and ecosystems.</p> <p><u>Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes:</u> the inter-relationships between places, environments and processes An in depth of understanding of river landscapes and processes; weather hazards, processes and climate change; ecosystems, biodiversity and management.</p> <p><u>Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.</u> Interpretation of climate graphs, photos, and hazard data, iso-line maps geological maps and transects, aerial; photos and sketches of all types, census and demographic data, different types of maps, GIS maps, different types of charts and graphs.</p> <p><u>Select, adapt and use a variety of skills and techniques to investigate questions and issues and to make judgements.</u> Use a variety of map, graphical, research, numerical and statistical skills and techniques in located fieldwork locations.</p>	<p><u>Demonstrate knowledge of locations, places, processes, environments and different scales.</u> UK challenges and city studies of Norwich, Birmingham and Mexico City. Studies of India, China and Germany.</p> <p><u>Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes:</u> the inter-relationships between places, environments and processes An in depth of understanding of urban processes and urban landscapes; global development and resource management.</p> <p><u>Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.</u> Interpretation of maps and data and application to unfamiliar situations.</p> <p><u>Select, adapt and use a variety of skills and techniques to investigate questions and issues and to make judgements.</u> Use a variety of map, graphical, research, numerical and statistical skills and techniques e.g. measures of central tendency, percentages and bi-variate data to answers questions on an unfamiliar situation.</p>
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Assessment

All assessments will be GCSE exam style questions testing, content and skills required at GCSE. All topics will a mid term test and will have an end of unit test of this style. The scheduled end of year test will assess the content covered in all units taught.

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