

GEOGRAPHY



A high-quality geography education should inspire in pupils a curiosity and fascination about the world and its people that will remain with them for the rest of their lives. Teaching should equip pupils with knowledge about diverse places, people, resources and natural and human environments, together with a deep understanding of the Earth's key physical and human processes. As pupils progress, their growing knowledge about the world should help them to deepen their understanding of the interaction between physical and human processes, and of the formation and use of landscapes and environments. Geographical knowledge, understanding and skills provide the frameworks and approaches that explain how the Earth's features at different scales are shaped, interconnected and change over time.

The national curriculum for geography aims to ensure that all pupils:

- develop contextual knowledge of the location of globally significant places both terrestrial and marine including their defining **physical and human characteristics** and how these provide a geographical context for understanding the actions of processes
- understand the processes that give rise to key **physical and human geographical features** of the world, how these are **interdependent** and how they bring about spatial variation and change over time
- are competent in the geographical skills needed to:
- collect, analyse and communicate with a range of data gathered through experiences of fieldwork that deepen their understanding of geographical processes
- interpret a range of **sources of geographical information**, including maps, diagrams, globes, aerial photographs and Geographical Information Systems (GIS)
- communicate geographical information in a variety of ways, including through maps, numerical and quantitative skills and writing at length.

Key Ideas: Places, Patterns and Communication. (i.e. *Physical features, Human features, Knowledge of continents, countries, oceans and seas, Geographical similarities and differences, Understanding maps, Fieldwork and research).*

Threshold Concepts: Location, Human features, Physical features, Environments, Climate, Physical processes, Interdependence, Resources

	KS1		KS2				
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Breadth of study	Bright Lights, Big City. Our United kingdom. Weather Met Society Island of Struay (Royal Geographical Society) (Seasonal and daily weather patterns in UK/Hot and cold areas of the world). Local area Small area of the UK, contrasting small area in non European countries: (inc comparing climate and weather/ geographical features/homes/ jobs/transport).	Hot and Cold Places identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles - use world maps, atlases and globes to identify countries, continents and oceans studied at this key stage Geography- Mugumareno Village- Zambia (compare and contrast a non-European place) Understand geographical similarities and differences through studying the human and physical geography of a contrasting non-European country - use basic geographical vocabulary to refer to: - key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather -	Climate Zones - describe and understand key aspects of: physical geography, including: climate zones - identify the position and significance of latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Arctic and Antarctic Circle Rainforest in Brazil and the Congo describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts - describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and	Antarctica and why does Antarctica matter? (RGS) Environmental Regions: Amazon Basin locate the world's countries, using maps to focus on South America, concentrating on its environmental regions, key physical and human characteristics, countries and cities - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied - identify the position and significance of the Equator - understand geographical similarities and differences through the study of the human and physical geography of a region of the UK and a region within South America Where in the world Rivers and waterfalls around the world. (RGS Niagara Falls/ Thames/Local Rivers) (natural features)	Misty Mountain Sierra. describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle Term 2 Our European Neighbours: focus on identifying countries in Europe Similarities/ differences between Bath and contrasting European places e.g. Bay of Naples Volcanoes and Earthquakes describe and understand key aspects of physical geography, including: volcanoes and earthquakes	Kenya - A changing country. (Main countries in Africa, Asia and Australasia - In depth study (Climate/Impact of tourism/ conservation and urban migration) The UK. (Urban and rural land use. Trade, farming and economic activity Compare changes in land use in Birmingham/ Local areal) Natural Disasters Effects on physical and human characteristics Changing weather patterns and climate Global warming and green energy	

	Street Detectives. The local area. Simple map/basic symbols fieldwork. (school grounds/land use in the local area.)	Water USAThe United States of America and the Americas locate the world's countries, using maps to focus on North America, concentrating on its environmental regions, key physical and human characteristics, countries, and major cities - identify the position and significance of latitude, longitude, and time zones (including day and night)	(Locating countries in Europe/ Rivers/ Mountains) plus: (Term 1: rivers (in UK and around the world) + flooding + waterfalls		
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Locational					
and Place					
Knowledge					

That their home country is The United Kingdom that is a union of England, Wales, Scotland and Northern Ireland. They should identify the locations of those individual countries and some of the major cities, including their nearest city and the capital city, London. That the United Kingdom is a country which is part of the continent of Europe.

Location of poles and the Equator

The location and names of the world's continents, oceans and largest seas.

Identify hot and cold places and locate them on a map

Recognise the features of a hot and a cold place

Name and locate the US within North America.
Understanding the location of New York
City, recognising key features and characteristics of the city. Location of Grand Canyon and Hoover Dam

Tropical rainforests lie in the tropics (The part of the Earth's surface between the Tropic of Antarctica's place on the Earth and on a map, position and significance of latitude and longitude.

Antarctic ice types and fauna Polar Regions, Antarctica's size, makeup and surrounding oceans Location of the Mediterranean basin within Europe

Geographical similarities and differences in locations within the Mediterranean.

Location of Naples/ Pompeii and other major Italian / or other Mediterranean cities.

Describe what a

Name and locate the main cities in Kenya, the climate and main topographical features.

Know the main types of farming, industries and changes in the urban environment in UK over time

Name and locate key topographical features of the UK including hills, mountains, coasts and rivers.

The British Isle surrounded by North Sea, the Sea, The English Channel and The Atlantic Ocean The location of North and South and Equator. In location of the town/village at Island of Coll.	the Explore Zambia's physical and human features and locate it ne. The the th Poles he ir home	Cancer and the Tropic of Capricorn); characterized by a hot climate. Location of the world's main tropical rainforests and their importance.	Locate South America on a world map and identify a range of its physical and human features. Skills link: What is the Equator and where is it? Locate the main physical geography including rivers and mountains ranges in	mountain is and locate the world's 'Seven Summits' on a map. Name and locate the mountain ranges Himalayas, Rockies, Alps. Andes, highest peaks in the UK and in the world. Understand geographical similarities and	Describe and understand key aspects of the physical geography including climate zones, weather patterns, vegetation belts, rivers and mountains in the UK Name and locate UK cities and industrial land use and
The difference a continent, a and a city, and and rural envi	country I urban		Europe. The impact of deforestation. Locate the major cities and countries in the continent of Europe. Know the geographical location of the main rivers in the UK. Location of the longest rivers in the World	differences through the study of the physical geography of a region of the United Kingdom (Snowdonia) and another mountain range (Andes and Himalayas) Interpret a range of geographical information and communicate geographical information through maps To identify the position and significance of latitude and longitude	understand how these aspects have changed over time. Compare these to changes in the local area over time.
				Location of the Earth's plates and the Earth's main volcanoes, earthquake zones and areas of geothermal activity.	

Human & Physical Geography

Know the difference between a human and physical feature

Identify seasonal and daily weather patterns in the United Kingdom, compare 2 locationsincluding their own location

Identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles

Use basic geographical vocabulary to refer to local and familiar features:

key physical features,: forest, hill, bay, ocean, mountain, valley, vegetation, port, Use basic geographical vocabulary to refer to a less familiar area. Physical geography: hot and cold climate zones and the influence of the earth's orbit on climate zones

Describe & understand key aspects of physical geography including climate zones, rivers & mountains in Europe.

Describe and understand human geography including types of settlement and land use, economic activity including trade links, and the distribution of natural resources in Europe.

Know types of settlement and land use, economic activity including trade links.

Describe and understand the location and formation of key physical features of the landscape in the USA including the Grand Canyon.

Human geography: Understanding of the different factors that affect farming livelihoods in the USA.

Antarctica as a polar region, seasonal/geographical variations in time, different forms of land and terrain. Antarctica's mountainous terrain. oceans and their effects. Interactions between physical geography and everyday life, physical features of Earth's orbit and its effects upon the weather..

Physical geography climate zones, biomes and vegetation belts, rainforest regions, name, locate, describe and understand key topographical features and aspects of physical geography of tropical rainforests in Brazil and land-use patterns and understand how some of these aspects have changed over time.

Physical geography including:
Understanding of the water cycle, Knowledge of a river system, from its source, through the meanders of flatter land, to the estuary and its mouth. Understand the process of flooding and why and how rivers breach their banks. Know the causes and consequences of flooding.

Understand key aspects of physical geography, how mountains are formed, types of mountains

Interdependence of natural and human processes in the context of Europe

Key aspects of physical geography in two contrasting Mediterranean locations including, climate zones, biomes and vegetation belts, rivers, mountains fault lines. Types of settlement and land use in the region, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water..

Describe and understand key aspects of the human geography of the UK including the distribution of farming types and traditional food products.

Describe and understand key aspects of the physical geography of the UK including climate zones and distribution of soils.

Describe and understand key aspects of human geography including types of settlement interdependence, economic activity, trade links and the distribution of natural resources including energy and minerals.

Explain the location, growth and changes in settlements (case study Blackpool and Birmingham).

Describe and understand key aspects of human geography including migration, multiculturalism and ethnicity.

Describe and understand key aspects of physical geography, including earthquakes and volcanoes.

			Describe and understand key aspects of human geography, including types of settlement Describe and understand how tourism and
			urbanisation have changed life in Kenya.
			Describe and understand how climate change has changed life in Kenya in the Maasai.

Interpretation communication and investigations

Use world maps, atlases and globes to identify the United Kingdom and its countries.

Understand basic symbols on weather maps and interpret simple information about weather such as rainfall.

Use maps, atlas and globe to locate Hong Kong. Use photographs to deduce human and physical features.

Use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of places and routes on a map. Label a route on a map of the world.

Use maps, atlases and data on weather to describe climate, location and features

Know the 4 points of a compass and 2 figure grid references.

Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features.

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Devise a simple map; and use and construct basic symbols in a key. Move onto location language. Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied.

Learn the eight points of the compass, 2 figure grid reference some basic symbols and key (including the use of a simplified Ordnance Survey maps) to build their knowledge of the local rivers.

Use fieldwork to observe and record rivers in the local area using a range of methods, including sketch maps, plans and graphs.

Analyse and compare images/maps and give views on their effectiveness.

Interpreting climate graphs to understand population changes and climate across the USA Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied.

Geographical Skills and fieldwork: Longitude and Latitude and visual understanding of Polar Landscapes via photographic analysis.

Mapping, graphing and data presentation, 4-figure grid references.

Using different secondary data sources for geographical investigation.

Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied.

Interpret a range of geographical information and communicate geographical information through maps. Extend to 6 figure grid References.

Mapping, graphing and data presentation, 4-figure grid references.

Using different secondary data sources for geographical investigation

Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied.

Six-figure grid references with teaching of *latitude* and *longitude* in depth and build their knowledge of the wider world.

Use of maps, atlases, compasses, aerial photographs; observational and questioning skills; fluency in geographical enquiry (data collection, interpretation, presentation, analysis); understanding of interdependence and contemporary issues in society and the environment.

Threshold Concepts (schema) and composite knowledge

Location

The location of England, Scotland, Wales, N Ireland, the names of capital cities, the English channel, North and Irish seas, capital cities in the UK. Location within continent of Europe

Location of Hong Kong and the continent of Asia

Location of the Earth's poles and equator

The 4 points of the compass.

Human features:

The definition of a human feature and the meaning of: urban, city, town, village, factory, farm, house, flat, office, port, harbour and shop, transport

Location of the main human landmarks in the UK: Stonehenge, the London Eye, Houses of Parliament, Edinburgh Castle. Comparison of human features of Hong Kong, city, town, transport, homes, port

Location

Pupils know and can name the world's continents and oceans. Location of Australia in the Southern Hemisphere/

Climate

Concept of climate, climate zones, significance of the the equator on climate, the definition of a desert

Maps, data and information

Use globes, atlases and google earth. Identify and label the continents, oceans and climate zones on a world map. Label land regions, main cities and physical features on a map of Australia. Know grid references and scales on a map. Know the main OS map symbols relating to the local area

Location

Locate Europe's countries and capitals. Locate the world climate zones and Europe's position within them. Locate the Alpine region, River Volga, Rhine River Thames. Know the location of Mt Etna and Vesuvius, Mediterranean Sea, Pyrenees.

Location of the world's longest rivers, the River Severn and the Thames in the UK. Location of the Angel Falls in Venezuela

Countries of North America. Major cities, largest lake, longest river, highest mountain in the US. Mountain ranges and neighbouring countries.

Human features

Land use, urban development and population density in NYC

The distribution of population towards coastal states and in cities in the US.

Intensive farming in the Midwest US states.

Location

South Pole. Antarctica. Antarctic Circle. Southern Ocean.

Location of the region around Athens and/or Naples/Pompeii, from global to local

Human featuresGlobal warming in Antarctica

The impact of human processes of tourism, migration and agriculture impact on the Mediterranean regions. Compare to own locality.

Physical features

Ice shelves, glaciers and icebergs. The mountainous environment of Antarctica and its size and depth.

Antarctica as a biome and the bird and sea life of the continent

Climate

Antarctica is a frozen desert with very low precipitation.

Physical processes

The formation of glaciers, ice shelves and icebergs in

Location

Location of the world's rainforests and the location of the Amazon Rainforest within South America

Know where the tropics are in relation to the Equator, Tropic of Cancer and Tropic of Capricorn.

Location of the World's tectonic plates
Location of the world's main mountain ranges and those in the UK. Location of the Himalayas in Asia and Nepal.

Location of the world's developed and developing countries Location of Liberia as a case study

Human features

Key landmarks of Europe. The population of Europe's largest capital cities

Humans have used/adapted rivers for energy, water, transportation (trade and leisure) and tourism.

Resources:

Know the main economic activity in a Mediterranean city

Location

Location of Kenya and the Masia Mara reserve.

Location of the UK's major cities and towns, population distribution, major transport hubs, rail and road routes. Location of main agricultural regions of the UK and their produce. Location of the UK's mountain ranges and largest rivers.

Human features

Tourism and mass urbanisation have changed life in Kenya.Spread of the city of Nairobi and land use in cities.

Population and population distribution of the UK and local area. Settlement, land use, trade and economic activity in local area and contrasting locality in the North/ Midlands. Shifts from primary and secondary industries to tertiary and changes in land use.

Changes over time in industry and land use in local area migration, multiculturalism and ethnicity in the UK

Farming types, arable, dairy, market and hill sheep farming and main produce of the UK's

Physical features:

key physical features of the UK, islands, beaches, cliffs, coasts ,cliffs, beaches, forests, hills, lakes and mountains, seas, rivers,

Physical features of Hong Kong's Islands: harbours, villages, forests, beaches and mountains.

Climate

The weather as the conditions of the atmosphere, including temperature, wind and rain. The seasons of the Northern Hemisphere and how they affect the weather

Maps, data and information

Compass points NSEW on a world map.
Recognise transport links in a city centre map. Recognise the meaning of weather symbols. Interpret rainfall charts and log weather conditions

Know what a glacier is. Understand the term Biome and the particular topography, climate, and ecosystems of the Alpine region

Climate

Tropical rainforests are located in the tropics, i.e. Close to the Equator. Know the tropics of Cancer and Capricorn.

Climate zones in the US vary with latitude and from subtropical in Florida I to subpolar in Alaska. US has desert regions. Know the tropics of Cancer and Capricorn.

Interdependence

A rich and diverse provider of food for humans. The rainforests are used by humans to develop agriculture and use mineral resources. Amazon rainforest produces one- fifth of the world's oxygen.

Physical processes

The significance of lines of longitude and time zones in US and Antarctica

Antarctica. Interdependence

The importance of Antarctica in providing a habitat for sea life and birds, and regulating the Earth's temperature.

The impact of droughts and flooding on farming. The human impact of hurricanes in the US

Maps, data and information

Use satellite images, photographs and thermal imaging to interpret Antarctic conditions.

(agriculture, shipping and tourism in Naples) and compare to economic activity in Bath.

Physical features

The structure of the rainforest, canopy, emergent layer. The ecosystems of the rainforest.

The structure of a mountain and mountain range, summit, slope, valley, altitude

The natural resources of countries determine the types of exports and imports.

Know that rainforests are biomes. Some are temperate, others are tropical.

Physical processes

Water cycle and rainfall in the rainforest

The structure of the world's tectonic plates
The formation of fold, dome fault-block, volcano
Formation of glaciers and avalanches.

The impact of physical geography, volcanoes, and coastal features volcanic activity in the

regions

Home building in earthquake and volcano zones, infrastructure, agriculture.

Physical features

Features of the African savannah

Topographical features of the UK, rivers, mountains, coasts

Main vegetation belts of the UK, moorlands, forests

Fault lines, tectonic plates, volcanic and seismic activity.

Savannah in Kenya, a grassland with few trees

Environments

The Masai Marae ecosystem with one of the largest annual animal migrations

Climate

Regional climates in the UK and differences in climate in mountainous and coastal areas

Climate change has changed life in Kenya in the Maasa Kenya lies on the Equator and has a tropical climate. Rainfall patterns threaten The formation of the Grand Canyon. The definition of hurricanes and droughts
Know how river is used for washing, fishing and irrigation on the River Zambezi.

Maps, data and information

Know 4-figure grid references and standard OS map symbols.

Use of topographical maps of the US, know where the Equator, tropics, hemispheres and North American countries are located on a map.

Bay of Naples.

Physical features

Understand the term topography. Know what rivers, lakes, mountains and volcanoes are, know the definition of a mountain

Physical processes

The formation and movement of glaciers, and impact of glaciation.

Water cycle. Stages of a river. Erosion, transportation, deposition.

Climate

Much of Europe is in the temperate climate zone, but weather varies. Alpine climates are colder, with snow in winter and colder temperatures at higher altitudes. Mountain climate cold and higher altitude means less oxygen

Mountain communities use fertile land and natural resources

Interdependence

Know the human impact that flooding has and the negative impact of pollution on rivers

crops and cause drought and hunger.

Physical processes

Global warming as a result of increased CO2 emissions

The formation of volcanoes and causes of earthquakes.

Interdependence

How drought and climate change impact urbanisation in Kenya

How relief, climate and soil zones affect farming activity in the UK

The interdependence on the natural environment for farming and settlements in the UK

Resources

The protection of natural resources and environments in the UK

Sources of energy, renewable energy, wind, solar, nuclear, fossil fuels

Milestones Composite Outcomes

To investigate places:

- Ask and answer geographical questions (such as: What is this place? What or who will I see in this place? What do people do in this place?).
- Identify the key features of a location in order to say whether it is a city, town, village, coastal or rural area.
- Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied.
- Use simple fieldwork and observational skills to study the geography of the school and the key human and physical features of its surrounding environment.
- Use aerial images and plan perspectives to recognise landmarks and basic physical features.
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas.
- Name and locate the world's continents and oceans.

To investigate places:

- Ask and answer geographical questions about the physical and human characteristics of a location.
- Explain own views about locations, giving reasons.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features.
- Use fieldwork to observe and record the human and physical features in the local area using a range of methods including sketch maps, plans and graphs and digital technologies.
- Use a range of resources to identify the key physical and human features of a location.
- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, including hills, mountains, cities, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.
- Name and locate the countries of Europe and identify their main physical and human characteristics.

To investigate places:

- Collect and analyse statistics and other information in order to draw clear conclusions about locations.
- Identify and describe how the physical features affect the human activity within a location.
- Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location.
- Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways.
- Analyse and give views on the effectiveness of different geographical representations of a location (such as aerial images compared with maps and topological maps as in London's Tube map).
- Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.
- Name and locate the countries of North and South America and identify their main physical and human characteristics.

To investigate patterns:

- Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom and of a contrasting non-European country.
- Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.
- Identify land use around the school.

To investigate patterns:

- Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and date time zones. Describe some of the characteristics of these geographical areas.
- Describe geographical similarities and differences between countries.
- Describe how the locality of the school has changed over time.

To investigate patterns:

- Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, and time zones (including day and night).
- Understand some of the reasons for geographical similarities and differences between countries.
- Describe how locations around the world are changing and explain some of the reasons for change.
- Describe geographical diversity across the world.
- Describe how countries and geographical regions are interconnected and interdependent.

To communicate geographically:

- Use basic geographical vocabulary to refer to:
- key physical features, including: beach, coast, forest, hills, mountains, oceans, rivers, soil, valley, vegetation and weather.
- key human features, including: city, town, village, factory, farm, house, office and shop.
- Use compass directions (north, south, east and west) and locational language (e.g. near and far) to describe the location of features and routes on a map.
- Devise a simple map; and use and construct basic symbols in a key. Use simple grid references (A1, B1).

To communicate geographically:

- Describe key aspects of:
- physical geography, including: rivers, mountains, volcanoes and earthquakes and the water cycle.
- human geography, including: settlements and land use.
- Use the eight points of the compass, four-figure grid references, symbols and key to communicate knowledge of the United Kingdom and the wider world.

To communicate geographically:

- Describe and understand key aspects of:
- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.
- human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.
- Use the eight points of the compass, four-figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.
- Create maps of locations identifying patterns (such as and use, climate zones, population densities, height of land).