

# St Michael's C.E Primary School

## Geography Curriculum 2024-2025

Geography is....

learning about the Earth's land, water, air, and living things and the impact that humans have on these.

Intent - At St Michael's Geography will..

inspire in pupils a curiosity and fascination about the world and its people that will remain with them for the rest of their lives. It will 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.

A Geographer....

will explore both the physical properties of Earth's surface and the human societies spread across it

## Spirituality Across the Curriculum

Our definition of spirituality at St Michael's CE Primary School:

*To talk about spirituality is to talk about something which is beyond words.*

*Spirituality is linked to big questions about the meaning and purpose of life; it includes ideas relating to oneself, others, the natural world and the transcendent.*

*We refer to this as:*

*The stillness of the mind*

*The settling of the soul*

*The uplifting of the spirit*

*Being at one in the world and finding meaning and purpose in life.*

*For some, but not all, this will be experienced, expressed or explained through faith or belief.*

*When discussing this with our pupils, we refer to spirituality as:*

*The way WOWS, OWS and NOWS shape me into the person that I am and will become.*

Spiritual development contains many facets and it is concerned with a number of areas of an individual's life. Therefore, when developing spirituality in pupils and adults, we, in line with our distinctively Christian vision and our school's definition for spirituality, look at four key areas: self, others, transcendence (beyond), and nature.



## Spirituality Opportunities

### Self

#### Opportunities

- By learning about different regions, cultures, and environments, students begin to reflect on where they come from and what makes their own home special. This fosters a sense of belonging and rootedness, helping children to appreciate their personal connection to their environment.
- Geography lessons that involve outdoor activities or quiet time in nature give students opportunities to reflect on their inner thoughts and feelings. This quiet reflection can lead to spiritual insights or a deeper sense of peace.
- By learning about the Earth's resources, diverse landscapes, and ecosystems, children can develop gratitude not only for the natural world but also for their own experiences and privileges. This sense of appreciation fosters a positive spiritual connection between self and the world.
- Understanding how humans affect the environment helps students reflect on their own actions and choices. This self-awareness promotes a sense of responsibility and encourages thoughtful, ethical decisions.
- Studying different regions of the world, including areas affected by poverty, natural disasters, or environmental degradation, can foster empathy and compassion in students. Geography helps them understand that others may live in very different conditions, promoting a sense of care for people and the planet.

#### Potential Question Prompts

- When you think about the world and all the different places in it, how does it make you feel about where you live?
- What is something in nature that you are thankful for? How does it make you feel?
- Do you ever feel like you are a part of nature, like the plants and animals? How does that make you feel about yourself?
- When you hear about places that have been affected by natural disasters or environmental problems, how does that make you feel? Why do you think you feel that way?
- How would you feel if the nature around you was in danger? How would you want to help?

### Others

#### Opportunities

- By studying different cultures, countries, and ways of life, children gain a greater understanding of how people live around the world. This fosters empathy, as students reflect on the experiences, challenges, and joys of others in different geographical contexts.
- Learning about regions affected by poverty, natural disasters, or environmental issues helps students develop compassion for those who face challenges.
- By exploring global issues like climate change, deforestation, or water scarcity, children learn that solving these problems requires cooperation and unity. This sense of shared responsibility helps students see themselves as part of a global community.
- By learning about challenges faced by people in different regions (such as lack of access to clean water, food insecurity, or housing), students may feel inspired to take action. This could lead to participation in service projects, fundraising, or awareness campaigns, nurturing a spiritual sense of kindness, compassion, and social responsibility.
- Geography lessons can inspire children to become advocates for the environment, encouraging them to think about how protecting nature also protects people - Eco-warriors.

#### Potential Question Prompts

- How do you think people in other parts of the world feel when they face natural disasters, like floods or earthquakes? What can we do to help them?
- What can we learn from people who live in different environments, like deserts or rainforests, about how to care for the Earth?
- When you learn about people who don't have access to clean water or food, how does that make you feel? What can we do to help them?
- How do the choices we make, like how we use water or energy, affect people in other parts of the world?
- Why is it important for people around the world to work together to take care of the Earth?
- What can we do to show respect for the Earth?
- How do you feel when you hear about children in other countries who don't have access to clean water?



## Transcendence

### Opportunities

- Geography allows children to explore natural phenomena like mountains, oceans, rivers, and forests. Understanding the size and complexity of these natural wonders can evoke a sense of awe.
- Geography teaches children how ecosystems are interconnected, showing how plants, animals, humans, and the environment are all part of a larger web of life.
- Geography also reveals how human societies are connected through trade, migration, and shared environmental challenges.
- Through Geography, children learn about natural cycles such as the water cycle, the seasons, and day and night. Understanding these cycles can help them feel in tune with the rhythms of the Earth.
- Geography often introduces the idea that the Earth is a living system with processes like plate tectonics, erosion, and the carbon cycle shaping the planet over time. This can inspire a sense of wonder at the Earth's ability to sustain life and change, helping students feel connected to something ancient and enduring.
- Geography teaches children about environmental sustainability and the importance of protecting the Earth. Recognising that their actions can contribute to the well-being of the planet and future generations can give students a sense of purpose that transcends their individual lives.

### Potential Question Prompts

- What do you think when you learn about enormous natural places like mountains, oceans, or deserts? Do they make you feel small or part of something bigger?
- How does learning about things like volcanoes, or waterfalls make you think about the power of nature?
- What does it feel like to know that the air you breathe, the water you drink, and the land you stand on are shared by everyone on Earth?

## Nature

### Opportunities

- Fieldwork - local area walks. Looking at what is in immediate environment - appreciating local features.
- studying rainbows can prompt reflection on the wonders of the natural world, encouraging feelings of gratitude and respect.
- Observing the changing seasons
- the water cycle, or the interdependence of species can lead to an awareness of how all living things are connected, promoting a spiritual sense of unity with nature.
- observing trees, birds, or rivers, provides opportunities for students to quietly reflect and feel connected to the living world around them.
- Learning about different plants, animals, and ecosystems helps foster a respect for all living things, encouraging children to view nature as sacred and valuable.
- Teaching children about the importance of protecting nature and conserving resources can nurture a sense of responsibility for the Earth, rooted in a spiritual understanding of caring for the planet.

### Potential Question Prompts

- Have you ever felt amazed by something in nature? Can you describe that feeling?
- How do you think we are part of nature? What can we learn from it?
- If the earth could talk, what do you think it would say to us?
- What sounds, smells, or sights in nature make you feel peaceful or calm?
- Why do you think it's important to take care of plants, animals, and the Earth?
- What would happen if people didn't look after the earth? How would that make you feel?
- What in nature are you most thankful for? Why?



# St Michael's CE Primary Geography Curriculum 2024-2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1		All about Me and my local area  What is it like to live in my local area?	The UK What is it like to live in the UK?			
Year 2	Oceans and Continents What are the oceans and continents that make up our world?		Weather and Climate Is the weather the same everywhere in the world?			South Africa How is my community different to Cape Town?
Year 3	Journey to Europe Which country would you most like to visit and why?		Climates and Biomes What are biomes and climate zones?			
Year 4	Britain from the Air Is everywhere in the UK the same?				The Rainforest What are rainforests and why are they so important?	Brazil Does everywhere in the world have the same?
Year 5		France How is my local area different to other communities?			Wild Waters What are rivers and why are they important?	
Year 6			Mountains and Volcanoes What are mountains and volcanoes and how are they different?	North America How is California different to Birmingham?		Birmingham What is Birmingham like and how has it changed over time?



## Early Years Foundation Stage – Related to Geography

### Understanding the World

#### People Culture and Communities

- Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts, and maps;
- Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class;
- Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.

#### The Natural World

- Explore the natural world around them, making observations and drawing pictures of animals and plants;
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class;
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

## National Curriculum – Geography

#### Purpose of study

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.

#### Aims

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

## National Curriculum – Key stage 1

Pupils should develop knowledge about the world, the United Kingdom and their locality. They should understand basic subject-specific vocabulary relating to human and physical geography and begin to use geographical skills, including first-hand observation, to enhance their locational awareness.

Pupils should be taught to:

#### Locational knowledge

name and locate the world's 7 continents and 5 oceans

name, locate and identify characteristics of the 4 countries and capital cities of the United Kingdom and its surrounding seas

#### Place knowledge



understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country

#### **Human and physical geography**

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

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

key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop

#### **Geographical skills and fieldwork**

use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage

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 features and routes on a map

use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key

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

### **National Curriculum - Key Stage 2**

Pupils should extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world's most significant human and physical features. They should develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge.

Pupils should be taught to:

#### **Locational knowledge**

locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

#### **Place knowledge**

understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region in North or South America

#### **Human and physical geography**

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: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

#### **Geographical skills and fieldwork**

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

use the 8 points of a compass, 4- and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world

use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies



## Progression Milestones for Geography

### Locational Knowledge

#### National Curriculum KS1

- Name and locate the world's seven continents and five oceans
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

#### National Curriculum KS2

- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

### The UK

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> <li>• To know that we live in the UK</li> <li>• To know the 4 countries of the UK</li> <li>• To know we live in England</li> <li>• To know the 4 capital cities of the UK</li> <li>• To know the UK is surrounded by the 4 seas (English Channel/North Sea/Celtic Sea/Irish Sea)</li> <li>• To know the names of the main mountain ranges - Snowdon, Ben Nevis, Scafell Pike</li> <li>• To know some famous landmarks in each country</li> </ul> <p>To locate the 4 countries of the UK on a map</p> <p>To locate the capital cities on maps</p> <p>To locate the seas on maps</p>	<ul style="list-style-type: none"> <li>• To know the UK has different daily weather patterns</li> <li>• To know the UK has 4 seasons</li> <li>• To know the different types of weather associated with each season</li> </ul> <p>To locate the United Kingdom on an atlas</p> <p>To locate Bartley green on a map</p>		<ul style="list-style-type: none"> <li>• To know that the UK is made up of 4 countries and their capitals</li> <li>• To know the counties of the UK</li> <li>• To know the names of major cities in the UK</li> <li>• To know the climate of the UK</li> <li>• To know physical features of the UK: hills, mountains, coasts, forests, rivers.</li> <li>• To know the names of major mountains in the UK</li> <li>• To know which trade links the UK has</li> <li>• To know the UK's main types of export</li> <li>• To know how land is used in the UK e.g. urban, sub-urban, rural</li> <li>• To know how land use has changed over time</li> <li>• To know why land use has</li> </ul>	<p>To locate rivers of the UK on a map</p> <p>To know that Bartley Green is a ward within the city of Birmingham</p>	<p>To locate Birmingham on a map</p>





To use maps to locate some of the United Kingdom's famous landmarks.			<p>changed over time</p> <ul style="list-style-type: none"> <li>To know some of the different ecosystems within the UK</li> </ul> <p>Use maps to locate the counties of the UK</p>		
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## Wider World

	<ul style="list-style-type: none"> <li>To know that the names of the seven continents are North America, South America, Europe, Africa, Asia, Australasia, and Antarctica.</li> <li>To know that the United Kingdom is in Europe.</li> <li>To know that the five oceans are called the Pacific Ocean, the Atlantic Ocean, the Indian Ocean, the Arctic Ocean, and the Southern Ocean.</li> <li>To know the name the equator, the north and south poles.</li> <li>To recall that the United Kingdom is located in Europe.</li> </ul> <p>To locate the following seven continents: North America, South America, Europe, Africa, Asia, Australia, and Antarctica on a map</p> <p>To locate the Pacific Ocean, the Atlantic Ocean, the Indian Ocean, the Arctic Ocean, and the Southern Ocean on a map</p> <p>To locate South Africa on an atlas To locate Cape Town on a map</p> <p>To locate the equator, north and south poles on a map</p> <p>To locate hot and cold continents using maps, globes and atlases.</p>	<ul style="list-style-type: none"> <li>To know that geographers use lines of latitude to know how far north or south a place is.</li> <li>To know the five major lines of latitude (the Arctic Circle, the Antarctic Circle, the Tropic of Cancer, the Tropic of Capricorn and the Equator).</li> <li>To know that geographers use lines of longitude to find out how east or west a place is.</li> <li>To know that the lines of longitude are also called Meridians and that the prime meridian is called the Greenwich Meridian.</li> <li>To know the name of some countries in Europe.</li> </ul> <p>To locate the climate zones using maps.</p> <p>To locate vegetation belts using maps.</p> <p>To locate the world's biomes using maps.</p> <p>To locate the lines of latitude and longitude using maps</p> <p>To locate countries in Europe (including Russia) using maps.</p> <p>To use climate maps to identify the climate zones in Germany, Italy and Russia.</p> <p>To use digital computer mapping to locate and describe key physical and</p>	<ul style="list-style-type: none"> <li>To know that Brazil is a country in South America</li> <li>To know that South America is a country in the southern hemisphere near the equator.</li> <li>To know the name of the major cities in Brazil.</li> </ul> <p>Locate the world rainforests on globes and maps</p> <p>Use maps to locate biomes and climate zones</p> <p>Use maps to locate South America and the Amazon</p> <p>Locate poorer and richer areas of Brazil on a map</p> <p>Use maps to understand the distribution of energy, minerals, food and water</p> <ul style="list-style-type: none"> <li></li> </ul>	<p>To locate France on an atlas.</p> <p>To locate Saint-Tropez on a map</p> <p><u>To use maps of Saint-Tropez to locate human and physical features</u></p> <p><u>To use maps to find similarities and difference between 2 places.</u></p> <p><u>To locate world rivers on maps</u></p>	<p>To locate world mountains on an atlas and a map.</p> <p>To locate volcanoes on a map</p> <p>To locate North America using an atlas.</p> <p>To locate California on a map.</p> <p><u>To locate historical changes on maps</u></p>
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	<p>To know that the equator is a line around the centre of the earth</p> <p>To know the north and south poles are the most northern part of the globe and the most southern part</p> <p>To know that countries that are farthest from the equator are the coldest</p> <p>To know that countries along the equator, and closer are warmer</p> <p>To know the names of some hot and cold continents</p>	<p>human features of Germany, Italy and Russia</p> <p>To know the names of the continents located in the southern hemisphere</p> <p>To know the climate zones of the continents in the southern hemisphere</p> <p>To know the names of the continents in the northern hemisphere</p> <p>To know the climate zones of the continents in the northern hemisphere</p>			
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## Place Knowledge

<p><u>National Curriculum KS1</u></p> <p>Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country</p>		<p><u>National Curriculum KS2</u></p> <p>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America</p>			
	<p><u>Cape Town - South Africa, Africa</u></p> <ul style="list-style-type: none"> <li>To know that South Africa is a country which is located in the continent of Africa</li> <li>To know that Africa is a hot continent because it is near the equator.</li> <li>To know the names of some of the human and physical features in Cape Town, South Africa.</li> <li>To know some similarities and differences between the human and physical features of Birmingham and Cape town.</li> <li>To know that Cape Town is a coastal town in South Africa</li> </ul>	<p><u>Germany, Italy, Russia - Europe</u></p> <ul style="list-style-type: none"> <li>To know the climate zone of Germany, Italy and Russia</li> <li>To know that Germany has a temperate climate</li> <li>To know that Italy has a Mediterranean climate</li> <li>To know that Russia has a polar climate</li> <li>To know the names of the capital city in Germany, Italy and Russia.</li> <li>To know the types of settlement and land use in Germany, Italy and Russia.</li> <li>To know how Germany, Italy and Russia generate and distribute energy.</li> </ul>	<p><u>Brazil, South America</u></p> <ul style="list-style-type: none"> <li>To know the main export in Brazil</li> <li>To know some of the trade links that Brazil has.</li> <li>To know the climate zone of Brazil</li> <li>To know some human features of Brazil</li> <li>To know that Brazil has areas that are rich</li> <li>To know that Brazil has areas that are poor</li> <li>To know that poor people live in favelas</li> <li>To know that in Brazil there is an unequal distribution of food, minerals, water and energy</li> <li>To know human features of Bartley Green</li> </ul>	<p><u>Saint Tropez, France, Europe</u></p> <ul style="list-style-type: none"> <li>To know that the South of France is in Europe in the northern hemisphere</li> <li>To know some famous physical and human landmarks in France.</li> <li>To know the name of some major cities in France.</li> <li>To know some of the main trade links France has.</li> <li>To know some of the main exports of France.</li> <li>To know that Saint Tropez is a town in the South of France</li> <li>To know key physical features of Saint-Tropez (sea, beach, forest)</li> </ul>	<p><u>California, USA, North America</u></p> <p>To know North America is a continent</p> <p>To know some of the countries in North America</p> <p>To know about the climate of North America</p> <p>To know that USA is a country in North America</p> <p>To know that California is a state in the USA</p> <p>To know some famous physical and human features of North America. (California!)</p> <p>To know the name of some major cities in California.</p> <p>To know human features of California</p>



	<ul style="list-style-type: none"> <li>To know which oceans surround Africa</li> <li>To know some of the daily weather patterns in Cape Town</li> <li>To know why Bartley Green has different weather to Cape Town</li> </ul>		<ul style="list-style-type: none"> <li>To know some similarities and differences of Bartley Green and Brazil</li> </ul>	<ul style="list-style-type: none"> <li>To know key human features of Saint-Tropez. (harbor, shops, restaurants)</li> <li>To know the types of settlement in Saint-Tropez and the surrounding area (towns, villages)</li> <li>To know what the land is mainly used for in Saint Tropez (tourist attractions, houses)</li> <li>To know some key similarities and differences between Bartley Green and Saint-Tropez</li> <li>To know the climate zone of Saint Tropez</li> </ul>	<ul style="list-style-type: none"> <li>To know some of the main land uses in California</li> <li>To know that there is a water shortage in California</li> <li>To know that there is a desert biome in California called the Mojave Desert</li> <li>To know some physical features of this desert biome</li> <li>To know which trade links California has e.g. links with Mexico.</li> <li>To know the main exports of California.</li> <li>To know the differences between California and Birmingham</li> </ul>
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## Human and Physical Geography

<p><u>National Curriculum KS1</u></p> <p>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</p> <p>Use basic geographical vocabulary to refer to:</p> <ul style="list-style-type: none"> <li>key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather</li> <li>key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop</li> </ul>	<p><u>National Curriculum KS2</u></p> <p>Describe and understand key aspects of:</p> <p>physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</p> <p>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 water</p>
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## Physical Geography

<p>To know that physical geography is about physical features</p> <p>To identify some physical features of the local environment</p> <p>To know the geography of the school environment</p> <p>To identify some physical features of the local environment</p>	<p>To know the name of some of the physical features in Bartley Green.</p> <p>To know the names of some of the human and physical features in Cape Town, South Africa.</p> <p>To know some similarities and differences between the human and physical features of Birmingham and Cape town.</p>	<p>To use aerial maps to investigate the physical and human features of Germany, Italy and Russia.</p> <p>To use digital computer mapping to locate and describe key physical and human features of Germany, Italy and Russia.</p>	<p>To know the physical features of Bartley green e.g. brook, fields, trees etc.</p> <p>To know physical features of the UK: hills, mountains, coasts, forests, rivers.</p>	<p>To know key physical features of Saint-Tropez (sea, beach, forest)</p> <p>To know some famous physical and human landmarks in France.</p>	<p>To know that Birmingham is a city</p> <p>To know the physical features of Birmingham e.g. river, hill</p>
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To know the names of the world's vegetation belts (forest, grassland, tundra, desert, and ice sheet).

## Weather and Climate

To know the UK has 4 seasons  
To know the seasons, have different weather patterns

To know that weather can be referred to as the conditions in the air above the earth.

To know the names of some of the different types of weather conditions eg. clouds, snow, thunder and lightning, frost and ice, rain, fog, hail and wind.

To know the UK has different daily weather patterns

To know the UK has 4 seasons

To know the different types of weather associated with each season

To know that Africa is a hot continent because it is near the equator.

To know some of the daily weather patterns in Cape Town

To know why Bartley Green has different weather to Cape Town

To know that the climate zones can be called Tropical, Arid, Mediterranean, Temperate, Continental, and Polar zones.

To know the climate zones of each continent.

To know the names of the five major types of biomes (aquatic, grassland, forest, desert, and tundra).

To know the names of the world's vegetation belts (forest, grassland, tundra, desert, and ice sheet).  
To know that climate change is affecting biomes and climate zones

To use climate maps to identify the climate zones in Germany, Italy and Russia.

To know that Germany has a temperate climate  
To know that Italy has a Mediterranean climate  
To know that Russia has a polar climate

To know the typical conditions of a rainforest biome  
To know the climate and regular weather patterns of the rainforests

To know the climate zone of Saint Tropez

To know what a mountain biome is like



## Water

To know the UK is surrounded by the 4 seas (English Channel/North Sea/Celtic Sea/Irish Sea)

- To know that the area where the sea and land meet is called a coast
- To know that a beach is an area of sand or small stones near the sea or another area of water such as a lake

To know that an ocean is a huge body of saltwater which has five distinct regions.

To know that an ocean is larger than a sea.

- To know the names of famous rivers and mountains and volcanoes in Germany, Italy, and Russia.

- To know that the Bartley Brook is the source of a river.
- To know that the river that flows through the Amazon rainforest is called the Amazon river.

- To know that a river is a body of water which flows toward the sea.
- To know the journey of a river from its source to its mouth.
- To know the parts of a river (upper, middle lower courses)
- To know and identify some of the features of a river eg. bank, channel, meander, tributary.
- To know the names of the rivers in Birmingham.
- To know the names of large rivers in the UK and some of the cities that they flow through eg. Thames, Severn, Wye, Trent, Tyne, Mersey.
- To know that the water cycle is the path that all water follows as it moves around Earth in different states.
- To know each process of the water cycle.

To know the names and locations of some of the world's major rivers.

- To know the effects of plastic pollution
- To know how water is distributed in the UK
- To know how water is distributed in the world.



## • Mountains, Volcanoes and Earthquakes

To know the names of the main mountain ranges - Snowdon, Ben Nevis, Scafell Pike

To know the names of famous rivers and mountains and volcanoes in Germany, Italy, and Russia.

- To know physical features of the UK: hills, mountains, coasts, forests, rivers.
- To know the names of major mountains in the UK

- To know what a mountain is
  - To know how mountains are formed
  - To know different types of mountains
  - To know the names of the highest UK mountains
  - To know the names of the highest world mountains
  - To know what a volcano is
  - To know how volcanoes are formed
  - To know how volcanoes erupt
  - To know different types of volcano
  - To know what makes a volcano extinct, dormant and active
  - To know the names and locations of some famous volcanoes
  - To know what an earthquake is
  - To know what tectonic plates are
  - To know what causes an earthquake
  - To know how an earthquake is measured
  - To know why California gets earthquakes
  - To know that the San Andreas fault causes earthquakes in California
  - To know about some famous earthquakes and their impact
- To know about some famous volcanic eruptions and their impact



## Rainforests

			<p>To know that a rainforest is a tropical forest</p> <p>To know that the largest rainforest is the Amazon in South America</p> <p>To know that the river that flows through the Amazon rainforest is called the Amazon river.</p> <p>To know that South America is a country in the southern hemisphere near the equator</p> <p>To know the layers of the rainforest</p> <p>To know some plants/vegetation and animals that live in the rainforest (ecosystem)</p> <p>To know that effects of deforestation on the rainforest</p> <p>To know why the rainforest is important and needs to be protected</p>		
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## Human Geography

<p>To know that human geography is about people</p> <p>To identify some human features of the local environment</p> <p>To know the local area is called Bartley Green</p> <p>To know some environmental issues in the local area</p> <p>To identify some human features of the local environment</p> <p>To know some famous landmarks in each country</p>	<p>To know the name of some of the human features in Bartley Green.</p> <p>To know the names of some of the human and physical features in Cape Town, South Africa.</p> <p>To know some similarities and differences between the human and physical features of Birmingham and Cape town.</p>	<p>To know the names of the capital city in Germany, Italy and Russia.</p> <p>To know the types of settlement and land use in Germany, Italy and Russia.</p> <p>To know how Germany, Italy and Russian generate and distribute energy.</p>	<p>To know about human tribes that live in the rainforest</p> <p>To know that the rainforest is under threat</p> <p>To know that fairtrade supports farmworkers in poorer countries</p> <p>To know that not everything in the world is equal for everyone</p> <p>To know some ways to reduce wastage</p> <p>To know what sustainability means</p> <p>To know some ways to live more sustainably.</p>	<p>To know the effects of plastic pollution</p> <p>To know how water is distributed in the UK</p> <p>To know how water is distributed in the world.</p> <p>To know the human features of Bartley green e.g. road, schools, shops, roundabout, reservoir.</p> <p>To know some of the main trade links France has.</p> <p>To know some of the main exports of France.</p>	<p>To know the human features of Birmingham e.g. canal, park, office.</p> <p>To know the different types of settlement. To know which types of settlements there are in Birmingham and the wider area. (Birmingham = city, Sutton Coldfield = town, Dudley town).</p> <p>To know what the land is mainly used for in Birmingham (residential and commercial - houses and offices)</p> <p>To know that GDP stands for gross domestic product.</p> <p>To know the types of industry in Birmingham.</p>
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To use aerial photographs to identify human and physical features of cities and coasts.

To know key human features of Saint-Tropez. (harbor, shops, restaurants)  
To know the types of settlement in Saint-Tropez and the surrounding area (towns, villages)  
To know what the land is mainly used for in Saint Tropez (tourist attractions, houses)





## Geographical Skills and Fieldwork

<p><b>National Curriculum</b> Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage 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 features and routes on a map Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features/Devise a simple map/Use and construct basic symbols in a key 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.</p>	<p><b>National Curriculum</b> Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p>
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## Knowledge of Maps

<p>To know what a map is To know how to use a simple map To know that symbols are used in map work</p>	<p>To know what an atlas is To know what a globe is To navigate an atlas</p>	<p>To know what an Ordnance Survey map is  To know that maps have grid references  To know that map references are read horizontal then vertical</p>			
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## Using Maps

<p><b>Using Maps</b> To read simple maps To read simple keys To describe locations and routes on maps  To describe the location of features using directional language To know directional language e.g. near far To know the 4 compass points</p>	<p>To use compass directions and directional language to describe the location of the seven continents and five oceans  To describe the location of hot and cold continents using compass directions and directional language</p>	<p>To use eight points of the compass, four and six figure grid references, symbols and keys to build knowledge of Germany, Italy and Russia. To read 4 figure grid references To find locations using 4 figure grid references To know the 8 points of the compass To use the 8 points of the compass to talk about direction and place</p>	<p>To use eight points of the compass, four and six figure grid references, symbols and keys to build knowledge of Bartley, Green and Brazil.  To use eight points of the compass, four and six figure grid references, symbols and keys to build knowledge of the United Kingdom. To read 4 figure grid references</p>	<p>To use eight points of the compass, four and six figure grid references, symbols and keys to build knowledge of Birmingham and Saint-Tropez. To use eight points of the compass, four and six figure grid references, symbols and keys to build knowledge of the River Rea.  To read 6 figure grid references To find locations using 6 figure grid references</p>	<p>To use the eight points of a compass, four and six-figure grid references, symbols and a key to build knowledge of California  To read 6 figure grid references To find locations using 6 figure grid references To know the 8 points of the compass To use the 8 points of the compass to talk about direction and place</p>
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			<p>To find locations using 4 figure grid references</p> <p>To know the 8 points of the compass</p> <p>To use the 8 points of the compass to talk about direction and place</p>	<p>To know the 8 points of the compass</p> <p>To use the 8 points of the compass to talk about direction and place</p>	
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### Locating on Maps

<p>To locate the 4 countries of the UK on a map</p> <p>To locate the capital cities on maps</p> <p>To locate the seas on maps</p> <p>To use maps to locate some of the United Kingdom's famous landmarks.</p>	<p>To locate the following seven continents: North America, South America, Europe, Africa, Asia, Australia, and Antarctica on a map</p> <p>To locate the Pacific Ocean, the Atlantic Ocean, the Indian Ocean, the Arctic Ocean, and the Southern Ocean on a map</p> <p>To locate the equator, north and south poles on a map</p> <p>To locate hot and cold continents using maps, globes and atlases.</p> <p>To locate the United Kingdom on an atlas.</p> <p>To locate Bartley, green on a map.</p> <p>To locate South Africa on an atlas.</p> <p>To locate Cape Town on a map</p>	<p>To locate the climate zones using maps.</p> <p>To locate vegetation belts using maps.</p> <p>To locate the world's biomes using maps.</p> <p>To locate the lines of latitude and longitude using maps</p> <p>To locate countries in Europe (including Russia) using maps.</p> <p>To use climate maps to identify the climate zones in Germany, Italy and Russia.</p> <p>To use digital computer mapping to locate and describe key physical and human features of Germany, Italy and Russia.</p>	<p>Locate the world rainforests on globes and maps</p> <p>Use maps to locate biomes and climate zones</p> <p>Use maps to locate South America and the Amazon</p> <p>Locate poorer and richer areas of Brazil on a map</p> <p>Use maps to understand the distribution of energy, minerals, food and water</p> <p>Use maps to locate the counties of the UK</p>	<p>To locate France on an atlas.</p> <p>To locate Saint-Tropez on a map</p> <p><b>To use maps of Saint Tropez to locate human and physical features</b></p> <p><b>To use maps to find similarities and difference between 2 places.</b></p>	<p>To locate world mountains on an atlas and a map.</p> <p>To locate volcanoes on a map</p> <p>To locate Birmingham on a map.</p> <p>To locate North America using an atlas.</p> <p>To locate California on a map.</p> <p>To locate historical changes on maps</p>
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### Creating Maps

<p>To construct simple maps of an environment</p> <p>To use simple symbols and a key</p>	<p>To draw simple maps of familiar areas</p>	<p>To create a map of the world's biomes using digital software (Map maker national geographic)</p>	<p>To create a digital map of the world's rainforest loss (Map maker national geographic)</p> <p>To draw more accurate maps of the local area</p>	<p>To draw maps of routes with features.</p>	<p>To create a digital map showing the world's volcanoes.</p> <p>To create a digital map showing the relationship between tectonic plates and earthquakes (map maker national geographic)</p>
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## Aerial Photographs

<p>To know aerial photographs are taken from above</p> <p>To use aerial photographs to identify human and physical features of cities and coasts.</p>	<p>To use aerial photographs to identify human and physical features of coasts.</p> <p>To use aerial maps to identify human and physical features of Cape town.</p>	<p>To use aerial maps to investigate the physical and human features of Germany Italy and Russia.</p>	<p>Use photographs to understand the rainforest ecosystem</p> <p>Use aerial photographs to identify land use</p> <p>Use images and data to understand how land use has changed over time</p>	<p>Use images and data to understand how land use has changed over time</p>
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## Fieldwork

<p>Fieldwork Exploring the school grounds.</p>	<p>Fieldwork: Collecting own data about the daily weather patterns in the local area.</p> <p>To identify daily weather patterns in the United Kingdom.</p> <p>To identify seasonal weather patterns in the United Kingdom.</p> <p>To collect and record data about the daily weather patterns in Bartley Green.</p> <p>Fieldwork: Exploring Bartley Green</p> <p>To record data from fieldwork in Bartley Green by devising field sketches of areas within Bartley Green, annotating base maps with information about the area.</p>	<p>Fieldwork - visiting a forest biome.</p> <p>To conduct fieldwork at a forest biome.</p> <p>To create a field sketch</p>	<p>Fieldwork - local area Bartley Green</p> <p>Investigation of food wastage</p> <p>Collect data on food wastage</p> <p>Draw tables and graphs to represent results</p> <p>Fieldwork - visit to Bartley Brook</p> <p>Collect data about local ecosystems To locate the brook on a map before the visit.</p> <p>To plan a route along the brook using maps.</p> <p>To identify key landmarks along the brook on a map.</p> <p>To draw a field sketch of the brook</p> <p>To record which way the brook is flowing and label it on the sketch map using a compass.</p> <p>To identify species of plants and animals within the ecosystem of the brook (quadrat study using hoops)</p> <p>To record data about the types of plants and animals which live in the brook ecosystem.</p> <p>To create a simple graph to show the quantity and variation of animals and plants which live in the brook ecosystem.</p>	<p>To use and interpret data to understand similarities and differences between St Tropez and Bartley green.</p> <p>To create a simple bar graph to show the types of human and physical features found.</p> <p>Fieldwork: To visit River Rea (where Bartley Brook flows into)</p> <p>To plot the Bartley Brook's journey on maps. (Bourne brook, River Rea, River Thame, River Anker).</p> <p>To locate the local river on a map before the visit.</p> <p>To plan a route along the river using maps.</p> <p>To identify key landmarks along the river on a map.</p> <p>To draw a field sketch of the river either looking up or downstream.</p> <p>To record which way the river is flowing and label it on the sketch map using a compass.</p> <p>To identify key features of the river and label it on the sketch map.</p>	<p>Skills - Fieldwork - Birmingham town centre.</p> <p>To plot the journey in the local area by labelling a map of the area before visiting.</p> <p>To draw a sketch map of an area in the centre of Birmingham, labelling the key human and physical features.</p> <p>To record human and physical features of Birmingham using labelled photographs.</p>
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<p>KEY VOCAB: Map, key, human, physical, house, shop, town, north, south, east, west, near, far, left right.</p> <p>KEY VOCAB: Forest, hill, mountain, sea, river, valley north, south, east, west, near, far, left right.</p>	<p>KEY VOCAB: Beach, cliff, coast, sea, ocean, continent, port, harbour, shop, farm, house, north, south, east, west, near, far, left right.</p> <p>KEY VOCAB: weather, clouds, snow, thunder and lightning, frost and ice, rain, fog, hail and wind, equator, north pole, south pole.</p> <p>KEY VOCAB: Beach, cliff, coast, sea, ocean, port, harbour, office, factory, shop, house, city north, south, east, west, near, far, left right.</p>	<p>KEY VOCAB: latitude, longitude, arctic circle, Antarctic circle, tropic of cancer, tropic of Capricorn, Greenwich Meridian, Climate zones, tropical, arid, Mediterranean, temperate, continental, polar, northern hemisphere, southern hemisphere, vegetation belts, forest, grassland, tundra, desert, ice sheet.</p> <p>KEY VOCAB: Continents, Europe, Climate zone, rivers, mountains, volcanoes, settlement, land use, energy.</p>	<p>KEY VOCAB: Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, date and time zones, biomes, climate, river, Rainforest, South America, deforestation, tribes, ecosystem, emergent, canopy, understory, forest floor.</p> <p>KEY VOCAB: Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, date and time zones, biomes, climate rivers, Brazil, rich, poor, unequal, distribution, resources, wastage, favelas, fair trade.</p> <p>KEY VOCAB: Bartley Green, brook, countries, cities, climate, counties, The United Kingdom, physical features, land marks, human features, mountains, coasts, forests, rivers, trade, export, land use, rural, sub urban, rural.</p>	<p>KEY VOCAB: ward, city, roundabout, reservoir, Saint-Tropez, settlement, tourism, climate zone, southern hemisphere, northern hemisphere, Europe, grid reference, symbol.</p> <ul style="list-style-type: none"><li>KEY VOCAB: river, sea, source, mouth, upper course, middle course, lower course, bank, channel, meander, tributary, Thames, Severn, Wye, Trent, Tyne, Mersey, River Rea, process, water cycle, pollution, symbol, compass, grid reference.</li></ul>	<p>KEY VOCAB: Mountains, biome, volcano, erupt, extinct, dormant, active, formed, eruption.</p> <p>KEY VOCAB: Birmingham, canal, park, office, settlement, Sutton Coldfield, Dudley, Land use, Residential, Commercial, gross domestic product, industry, trade links.</p> <p>KEY VOCAB: North America, California, continent, Northern hemisphere, southern hemisphere, climate, earthquake, tectonic plate, measured, San Andreas, Fault, land use, water shortage, trade, export, compass, grid reference, symbols.</p>
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**St Michael's**  
C.E. Primary School