



## Knowledge map for Geography Key Stage 2















		Year 3	Year 4	Year 5	Year 6
	TOPIC	Where does our food come from?	What is a biome?	Why are rainforests important?	How do the physical features of California influence the way people live and work in the state?
<b>AUTUMN TERM</b>	KEY KNOWLEDGE	<ul style="list-style-type: none"> <li>Explain which food has the most significant negative impact on the environment.</li> <li>Consider a change people can make to reduce the negative impact of food production.</li> <li>Describe the intentions around trading responsibly.</li> <li>Explain that food imports can be both helpful and harmful.</li> <li>Collect data through an interview process.</li> </ul>	<ul style="list-style-type: none"> <li>Explain what a biome is and where they can be found on the Earth.</li> <li>Name the 7 continents.</li> <li>Give examples of flora and fauna for three different biomes.</li> <li>Describe the climate for at least three different biomes.</li> <li>List examples of how biomes are changing.</li> </ul>	<ul style="list-style-type: none"> <li>Understand geographical similarities and differences by studying human and physical geography of a region in the South America</li> <li>Use maps, atlases, globes, and digital/computer mapping to locate countries and describe features studied</li> <li>To know the layers of a rainforest</li> <li>To know the climate of a rainforest</li> </ul>	<ul style="list-style-type: none"> <li>California is a state in the western United States, bordering the Pacific Ocean.</li> <li>To list and know some of the main physical geography in California</li> <li>To know the climate zone varies in California</li> </ul>
	KEY VOCAB	country, continent, map, globe, local, imported, climate, weather, transport, farm, farmer, food miles, harvest, crops, orchard, greenhouse, supermarket, market, packaging, season, seasonal, trade, export, import, produce, region, source, environment, sustainability, journey, soil, temperature, rainfall, ingredients, supply chain	Climate zones, biomes, rivers, mountains, Species, location, grassland, taiga, tundra, desert, weather, climate, equator, tropics of Cancer and Capricorn, Arctic and Antarctic circles, Rainforest, Savannah, continent, flora, fauna.	Rainforest, Tropical, Temperate, Equator, Climate, Canopy, Emergent, Understory, Forest floor, Habitat, Biodiversity, Deforestation, Ecosystem, Species, Camouflage, Adaptation, Oxygen, Extinct, Sustainable, Resources.	California, United States, Pacific Ocean, Sierra Nevada, Coastal Ranges, Mojave Desert, Central Valley, San Andreas Fault, earthquake, mountain range, desert, coastline, valley, climate, Mediterranean climate, natural hazard, agriculture, tourism, Silicon Valley, technology, settlement, population, environment, drought, wildfire, sustainability, conservation, national park



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	IMPACT QUESTIONS	<ol style="list-style-type: none"> <li>1. How can our food choices impact the environment?</li> <li>2. What does it mean to trade responsibly?</li> <li>3. How do we get our chocolate?</li> <li>4. Where does our food come from?</li> <li>5. Are our school dinners locally sourced?</li> <li>6. Is it better to buy local or imported food?</li> </ol>	<ol style="list-style-type: none"> <li>1. What are biomes?</li> <li>2. Where are the Earth's biomes?</li> <li>3. What is the tundra?</li> <li>4. What is the taiga?</li> <li>5. What are grasslands?</li> <li>6. How do humans affect?</li> </ol>	<ol style="list-style-type: none"> <li>1. Where in the world are rainforests found, and why are they located there?</li> <li>2. What are the layers of the rainforest, and how do plants and animals survive in each one?</li> <li>3. How do rainforests help the Earth's climate and produce the oxygen we breathe?</li> <li>4. What happens when rainforests are destroyed, and who is affected?</li> <li>5. What everyday products come from rainforests, and how do we depend on them?</li> <li>6. How can we protect rainforests and make sure we use their resources responsibly?</li> </ol>	<ol style="list-style-type: none"> <li>1. Where is California, and what makes its geography unique?</li> <li>2. How do California's mountains, valleys, deserts, and coastline shape the way people live?</li> <li>3. What is the climate like in different parts of California, and how does it affect daily life?</li> <li>4. Why is California such an important place for farming and food production?</li> <li>5. How do natural hazards like earthquakes and wildfires impact people in California?</li> <li>6. How are people in California working to protect the environment and use natural resources responsibly?</li> </ol>
	Thread	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Locational knowledge</p>  <p>To discover the exact place or position of.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Human and physical geography</p>  <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Human and physical geography</p>  <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Place knowledge</p>  <p>To understand geographical locations and differences.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Locational knowledge</p>  <p>To discover the exact place or position of.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Place knowledge</p>  <p>To understand geographical locations and differences.</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Geographical skills and fieldwork</p>  <p>To collect data from the physical and human environment.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Human and physical geography</p>  <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Locational knowledge</p>  <p>To discover the exact place or position of.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #d9ead3;"> <p>Place knowledge</p>  <p>To understand geographical locations and differences.</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Human and physical geography</p>  <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="border: 1px solid black; padding: 2px; background-color: #fcf8e3;"> <p>Geographical skills and fieldwork</p>  <p>To collect data from the physical and human environment.</p> </div> </div>



## Knowledge map for Geography Key Stage 2



		Year 3	Year 4	Year 5	Year 6
TOPIC		Would you like to live near a volcano?	How are coasts changing?	What are rivers and how are they used?	What factors influence where people live in the UK, and how does the population distribution impact life in different areas?
SPRING TERM	KEY KNOWLEDGE	<ul style="list-style-type: none"> <li>Describe and understand key aspects of volcanoes</li> <li>Definition of a volcano, types of volcanoes, and how they form.</li> <li>Reasons why people choose to live near volcanoes, including cultural and economic factors.</li> <li>Effects of volcanic eruptions on the environment, economy, and societies.</li> <li>Benefits such as tourism, fertile soils, and geothermal energy.</li> <li>Natural disasters in physical geography</li> </ul>	<ul style="list-style-type: none"> <li>Explain the term coast and state what you might find there.</li> <li>Describe erosion and explain how it changes the coasts.</li> <li>Name at least three types of sea-defence and how they work.</li> <li>Give examples of good and bad points of a type of sea-defence.</li> <li>Describe deposition and how it changes the coast.</li> <li>Know that different uses of land have consequences and be able to explain them.</li> </ul>	<ul style="list-style-type: none"> <li>How rivers are formed and their features is physical geography but how we settle by and use them is human geography.</li> <li>Rivers are formed on high ground (source) and changes as it journeys to the sea (mouth).</li> <li>The water cycle is the continuous the movement of water on, above, and below the surface of the Earth.</li> <li>Rivers are split into three sections: upper, middle and lower courses.</li> <li>There are many features such as meanders, oxbow lakes, waterfalls, deltas and levees.</li> <li>Rivers cause erosion to the landscape, which changes the course of the river over time.</li> <li>Humans have always settled near rivers for survival.</li> <li>We now also use rivers for leisure, industry and tourism</li> </ul>	<ul style="list-style-type: none"> <li>The names, positions, and characteristics of the four countries of the UK, major cities, regions, and physical features (e.g. rivers, mountains, coastlines).</li> <li>How population is distributed across the UK and how this has changed over time.</li> <li>What migration is and why people move to, from, and within the UK (push and pull factors).</li> <li>How migration and cultural diversity have shaped UK communities.</li> <li>How trade and cultural links connect the UK to countries around the world.</li> <li>The environmental responsibilities and challenges facing the UK (e.g. climate change, urban development).</li> </ul>



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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">KEY VOCAB</p>	<p>volcano, magma, lava, eruption, crater, vent, ash, molten, mantle, crust, pressure, magma chamber, cone, active, dormant, extinct, location, map, globe, tectonic plates, Ring of Fire, continent, country, region, equator, Pacific Ocean, boundaries, Earth, soil, farming, minerals, hot springs, geothermal, tourism, community, resources, culture, tradition, land, opportunity, risk, ash cloud, lava flow, damage, destruction, evacuation, environment, air, water, animals, buildings, safety, emergency, pollution, impact, fertile soil, natural beauty, jobs, energy, earthquake, tremor, fault, seismic, shock, danger, prediction, natural disaster</p>	<p>groynes, erosion, stack, slump, deposition, spit, caves, cliff, gabion, revetment, beach, long-shore drift</p>	<p>Upper course, middle course, lower course, Estuary, mouth, source, meander, waterfall, erosion, deposition, transportation, tributary, ox-bow lake, delta, stream, spring, infiltration, permeable, impermeable, water cycle, channel, confluence, levee, dam, River Lea, New River, Thames, Severn.</p>	<p>United Kingdom, Great Britain, England, Scotland, Wales, Northern Ireland, region, county, city, population, census, urban, rural, settlement, migration, immigration, emigration, diversity, culture, ethnicity, heritage, identity, trade, import, export, globalisation, economy, transport, port, airport, landscape, terrain, climate, coast, upland, lowland, river, mountain, map, atlas, OS map, compass, direction, grid reference, choropleth map, flow map, distribution, density, change, development, regeneration, future planning, sustainability</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">IMPACT QUESTIONS</p>	<ol style="list-style-type: none"> <li>1. What a volcano is and how do they form?</li> <li>2. Where are volcanoes on a map?</li> <li>3. Why do people live near volcanoes? (case studies on communities living near volcanoes, including those in Naples and Campania.)</li> <li>4. What are the effects of volcanic eruptions?</li> <li>5. What are the benefits of living near volcanoes?</li> <li>6. Are there risks associated with earthquakes in volcanic regions?</li> </ol>	<ol style="list-style-type: none"> <li>1. What are coasts?</li> <li>2. Why do coasts change? (erosion)</li> <li>3. How can we protect our coasts? (sea-defences)</li> <li>4. What is a beach?(deposition)</li> <li>5. How do coasts differ?</li> <li>6. How should coastal land be used?</li> </ol> <p>TRIP</p>	<ol style="list-style-type: none"> <li>1. Where are some of the world's biggest rivers located?</li> <li>2. What are the features of a river?</li> <li>3. How does a river form?</li> <li>4. How does a river change the landscape?</li> <li>5. Why are rivers important for people?</li> <li>6. How do rivers affect tourism?</li> </ol> <p>TRIP</p>	<ol style="list-style-type: none"> <li>1. How can we map population change in the UK?</li> <li>2. Why do people move, and how does this shape our communities?</li> <li>3. How does migration change places?</li> <li>4. How connected is the UK to the rest of the world?</li> <li>5. How does the landscape shape population distribution?</li> <li>6. What does the future hold for population, migration, and the environment?</li> </ol>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Thread</p>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Human and physical geography</p> <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Place knowledge</p> <p>To understand geographical features and differences.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Locational knowledge</p> <p>To discover the exact place or position of.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Place knowledge</p> <p>To understand geographical features and differences.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Locational knowledge</p> <p>To discover the exact place or position of.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Geographical skills and fieldwork</p> <p>To collect data from the physical and human environment.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Human and physical geography</p> <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Place knowledge</p> <p>To understand geographical features and differences.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Locational knowledge</p> <p>To discover the exact place or position of.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Geographical skills and fieldwork</p> <p>To collect data from the physical and human environment.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Human and physical geography</p> <p>Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>Place knowledge</p> <p>To understand geographical features and differences.</p> </div> </div>



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		Year 3	Year 4	Year 5	Year 6
TOPIC		What makes Catalonia a unique place to live, and how does its geography influence the way people live and work?	Would you like to live in South Wales?	Where does our energy come from?	Can I carry out an independent fieldwork enquiry?
SUMMER TERM	KEY KNOWLEDGE	<ul style="list-style-type: none"> <li>key physical features of Spain such as the Pyrenees mountains and the Ebro river.</li> <li>To know major cities, cultural elements and economic activities, such as agriculture and manufacturing in Spain.</li> <li>different climate zones in Spain, including the Mediterranean climate and its effects</li> <li>economic impact of tourism.</li> </ul>	<ul style="list-style-type: none"> <li>South Wales (Welsh: De Cymru) is a region of Wales bordered by the Bristol Channel to the east and south, to the north lies the Brecon Beacons and Black Mountains.</li> <li>Three main groups of rocks Carboniferous Limestone, Millstone Grit and Coal Measures (the group that contains the rich coal seams) make up the South Wales region.</li> <li>Learn about the landscape of Wales: Learn about the <b>landscape</b> of South Wales: Mountains (e.g. Brecon Beacons) Valleys and rivers (e.g. River Taff, Rhondda Valleys) Coastlines (e.g. Barry Island, Gower Peninsula)</li> </ul>	<ul style="list-style-type: none"> <li>Describe the significance of energy.</li> <li>Give examples of sources of energy and their trading routes.</li> <li>Define renewable and non-renewable energy.</li> <li>Discuss the benefits and drawbacks of different energy sources.</li> <li>Consider and justify the location of energy sources.</li> </ul>	<ul style="list-style-type: none"> <li>Give examples of issues in the local area.</li> <li>Identify questions to be asked to find the relevant data.</li> <li>Justify which data collection method is most suitable.</li> </ul>
	KEY VOCAB	Catalonia, Spain, region, geography, mountains, coast, Mediterranean Sea, climate, weather, city, countryside, Barcelona, culture, language, Catalan, industry, tourism, farming, transport, jobs, trade, landscape, natural resources, economy, traditions, festivals, population, lifestyle, agriculture, fishing	United Kingdom, Wales, South Wales, region, Cardiff, Swansea, Newport, grid reference, OS map, coordinates, mountain, valley, hill, river, coast, escarpment, Brecon Beacons, River Taff, Bristol Channel, National Park, landscape, topography, contour lines, climate, rainfall, temperature, Atlantic Drift, precipitation, settlement, industry, coal mining, ironworks, steelworks,	energy source, renewable energy, non-renewable, fossil fuel, coal, crude oil, natural gas, nuclear power, solar power, wind power, hydropower, biofuel, dam, offshore, onshore, offshore wind, emissions, replenished, consumption, producer, headquarters, greenhouse gases, ocean tide	analyse, audience, data collection methods, enquiry, fieldwork, OS map, risk assessment, route mapping, digital mapping, data template, sampling point, primary data, secondary data, hazards, mitigation, questionnaire, observation, measurement, presentation, results, evaluation



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			regeneration, urban, rural, economic activity, resources, pit pony, Cardiff Bay, development, decline, derelict, land use, industrialisation, migration, transport, compare, similarities, differences, opinion, justify, debate, environment, impact, tourism.		
	IMPACT QUESTIONS	<ol style="list-style-type: none"> <li>Where is Spain in the world?</li> <li>What is the physical geography of Spain?</li> <li>What is the human geography of Spain?</li> <li>What is the region of Catalonia like and what makes it special?</li> <li>What is the climate like in Spain?</li> <li>Why is tourism important to Spain?</li> </ol>	<ol style="list-style-type: none"> <li>Where is South Wales and what makes it different from other parts of the UK?</li> <li>How has coal mining shaped the landscape and communities of South Wales?</li> <li>What is the weather like in South Wales, and how might it affect daily life?</li> <li>What are the key physical features of the South Wales region?</li> <li>How has Cardiff Bay changed over time, and was the regeneration successful?</li> <li>Would you rather live in South Wales or where you live now? Why?</li> </ol>	<ol style="list-style-type: none"> <li>Why is energy important?</li> <li>What is renewable energy?</li> <li>How does the United States generate energy?</li> <li>How does the United Kingdom generate energy?</li> <li>What is the best way to generate energy?</li> <li>Where is the best place for a solar panel on the school grounds?</li> </ol>	<ol style="list-style-type: none"> <li>How to develop an enquiry question?</li> <li>How to create data collection methods?</li> <li>How to map a route?</li> <li>How to collect data?</li> <li>How to analyse data?</li> <li>How to present data?</li> </ol>
	Thread	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p style="background-color: #c8e6c9; padding: 2px;">Place knowledge</p>  <p style="background-color: #c8e6c9; padding: 2px; font-size: 8px;">To understand geographical features and differences</p> </div> <div style="text-align: center;"> <p style="background-color: #bbdefb; padding: 2px;">Locational knowledge</p>  <p style="background-color: #bbdefb; padding: 2px; font-size: 8px;">To discover the exact place or position of.</p> </div> <div style="text-align: center;"> <p style="background-color: #fff9c4; padding: 2px;">Human and physical geography</p>  <p style="background-color: #fff9c4; padding: 2px; font-size: 8px;">Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p style="background-color: #fff9c4; padding: 2px;">Human and physical geography</p>  <p style="background-color: #fff9c4; padding: 2px; font-size: 8px;">Things you can see all around you. Physical features are natural and human features have been built by humans.</p> </div> <div style="text-align: center;"> <p style="background-color: #c8e6c9; padding: 2px;">Place knowledge</p>  <p style="background-color: #c8e6c9; padding: 2px; font-size: 8px;">To understand geographical features and differences</p> </div> <div style="text-align: center;"> <p style="background-color: #bbdefb; padding: 2px;">Locational knowledge</p>  <p style="background-color: #bbdefb; padding: 2px; font-size: 8px;">To discover the exact place or position of.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p style="background-color: #bbdefb; padding: 2px;">Locational knowledge</p>  <p style="background-color: #bbdefb; padding: 2px; font-size: 8px;">To discover the exact place or position of.</p> </div> <div style="text-align: center;"> <p style="background-color: #c8e6c9; padding: 2px;">Place knowledge</p>  <p style="background-color: #c8e6c9; padding: 2px; font-size: 8px;">To understand geographical features and differences</p> </div> <div style="text-align: center;"> <p style="background-color: #ffe0b2; padding: 2px;">Geographical skills and fieldwork</p>  <p style="background-color: #ffe0b2; padding: 2px; font-size: 8px;">To collect data from the physical and human environment.</p> </div> </div>	<div style="text-align: center;"> <p style="background-color: #ffe0b2; padding: 2px;">Geographical skills and fieldwork</p>  <p style="background-color: #ffe0b2; padding: 2px; font-size: 8px;">To collect data from the physical and human environment.</p> </div>