

	Term 1	Term 2	Term 3
Unit of work	Volcanoes	Climate and Biomes	Maps (Local Area)
Link to Programme of study	<u>Locational knowledge:</u> - 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) <u>Place knowledge</u> - 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 <u>Human and physical geography</u> - 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 <u>Skills - Pupils should:</u> - Understand and use subject specific vocabulary - Use maps, atlases, globes & digital/computer mapping to locate countries and describe the features studied. - Use the 8 points of a compass, 4 and 6 figure grid references, symbols and key (inc. use of Ordnance Survey maps) to build their knowledge of the UK 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.		
Composite knowledge	How do volcanoes affect a place? What are the layers of the earth? How do tectonic plates cause mountains, earthquakes and volcanoes? What happens in a volcanic eruption? How are volcanoes formed? Where in the world are volcanoes found? What happened in Pompeii? How do volcanoes affect a place?	How does climate affect a place and the way people live? What is the climate in Europe? What is the climate in Polar regions? What is the climate near the equator? What are the main human and physical features of Europe?	What are the pros and cons of living in Edmonton? What are the landmarks of Edmonton? Where is Edmonton in London/England/World? How do you use the 8 points on a compass? How can you use the grid reference to locate a landmark or symbol? How do you use a key to read a map?
Intentional knowledge they need to understand	<u>Locational knowledge:</u> Where the fault lines are found <u>Human and physical geography:</u> How volcanoes affect living situations/human settlement	<u>Locational knowledge:</u> Where is Europe? Where are the Polar regions? Where is the equator? <u>Human and physical geography:</u>	<u>Locational knowledge:</u> Where is Edmonton? Where is London? <u>Human and physical geography:</u>

(Component knowledge)	Skills and fieldwork: Google maps/ Google Earth Digimaps	Human and natural features/landmarks How does physical geography influence the climate around the world? How does climate affect humans in different parts of the world? Skills and fieldwork: Research Map work	Human and natural features/landmarks of Edmonton/London Skills and fieldwork: Google maps/Earth
Vocabulary	Inner/outer core, Mantle crust, Mountain range, Volcano, Ring of fire, Eruption/erupt, Volcanologist, magma, magma chamber, crater, vent/secondary vent, lava, volcanic ash, volcanic bombs, Pompeii, Mt St Helens <i>Retrieval practice: Tectonic plates, Earthquake, Fault line</i>	Climate, Biomes, Gulf Stream, Currents, Savanna, Rainforests, Tundra, Equator, Tropical, Polar, Temperate, <i>Retrieval practice: seasons, Latitude,</i>	Compass, Directions, Key, Grid reference, <i>Retrieval practice: Edmonton, London, England, United Kingdom, North, South, East, West</i>
Links to prior knowledge	Year 3 – Longitude & Latitude, Earthquakes	Year 3 – Longitude & Latitude, Earthquakes	Key- links to prior unit on Climate & Biomes
Key knowledge for assessment	What happens in a volcanic eruption? How are volcanoes formed? Where in the world are volcanoes found?	Where are they located on a map? What is the climate in Europe? What are the main human and physical features?	What are the landmarks of Edmonton? Where is Edmonton in London/England/World? How do you use the 8 points on a compass? How can you use the grid reference to locate a landmark or symbol? How do you use a key to read a map?
Cross-curricular links	History- Pompeii ICT- google maps/earth Digital literacy	Maths- negative numbers/temperatures Art- poster	Maths- compass points, grid references, key History- Local area- then and now
Oracy & Outdoor learning links	Conscience alley	Scavenger hunt	Maps Walks in local area Local fieldwork survey eg local land use