

When?	Composite	Components?	Disciplinary Knowledge	Golden Threads	Vocabulary
Autumn 1	Why do people live near volcanoes?	1. I can name and describe the layers of the earth 2. I can explain how and where mountains are formed 3. I can explain why volcanoes happen and where they occur 4. I can recognise the negative and positive effects of living near a volcano 5. I can explain what earthquakes are and where they occur 6. I can observe and record the location of rocks around the school grounds and discuss findings	Name, locate, identify, sample, sketch	Locational Diversity Relationships	active volcano, climate change, composite volcano, crust, dormant volcano, earthquake, epicentre, extinct volcano, fault line, fault-block mountain, fertile soil, fold mountain, geothermal energy, igneous rock, index, inner core, outer core, magma, magma chamber, man-made rock, mantle, metamorphic rock, minerals, natural rock, negative effects, plate boundary, positive effects, pyroclastic flow, sedimentary rock, seismic waves, shield volcano, tectonic plate, tsunami, vent, volcanic mountain, volcanic springs.
Spring	What are rivers and how are they used?	1. I can describe how the water cycle works. 2. I can recognise the features and courses of a river. 3. I can name and locate some of the world's longest rivers. 4. I can describe how rivers are used. 5. I can identify and locate human physical features on a map. 6. I can collect data on the features of a local river.	Describe, recognise, name, locate, identify, collect.	Location Relationships	Condensation, delta, estuary, Evaporation, flooding, floodplain, Groundwater, irrigation, leisure, Meander, oxbow lake, percolation, precipitation, river mouth, source, transpiration, tributary, valley, water cycle, waterfall,
Summer	Who lives in Antarctica?	1. I can understand the position and significance of lines of latitude. 2. I can describe the location and physical features of Antarctica.	Name, locate, describe, plot, plan.	Location Relationships Diversity	Climate, climate zone, compass points, direction, drifting ice, hemisphere, ice sheet, ice shelf,

		3. I can describe the human features of Antarctica. 4. I can use four-figure grid references to plot Shackleton's route to Antarctica. 5. I can plan a simple route on a map using compass points. 6. I can follow instructions involving compass points and map a simple route.			Iceberg, lines of latitude, lines of longitude, treaty.
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