

When?	Composite	Components?	Disciplinary Knowledge	Golden Threads	Vocabulary
Autumn 1	Why does population change?	1. I can understand the change and distribution of the global population. 2. I can define birth and death rates and describe why they change. 3. I can recognise the push and pull factors influencing migration. 4. I can begin to understand the impact climate change can have on the global population. 5. I can collect data showing how population impacts the amount of traffic and litter in an area. 6. I can write a report on the fieldwork process, analyse findings and make suggestions to improve a situation.	Interpret, define, describe, identify, collect, report, analyse.	Location Relationships Diversity	air pollution, birth rate, cartogram, climate, climate change, conclusions, death rate, deforestation, densely populated, digital technologies, fossil fuels, greenhouse gases, impact, improvements, involuntary, Likert scale, migrants, migration, natural increase, noise pollution, population, population density, population distribution, pull factors, push factors, qualitative, quantitative, refugee, region, sparsely populated, voluntary.
Spring	Why do oceans matter?	1. I can explain the importance of our oceans. 2. I can locate and describe the significance of the Great Barrier Reef. 3. I can explain the impact humans have on coral reefs and oceans. 4. I can understand ways to keep our oceans healthy and begin planning a fieldwork enquiry. 5. I can collect data on the types of litter polluting a marine environment. 6. I can present, analyse and evaluate data collected.	Name, locate, describe, explain, plan, collect, interpret, analyse, present, evaluate.	Location Relationships Diversity	Atmosphere, biodegradable, Buffer, coral bleaching, coral reef. Decompose, digital map, disposable, ecology, ecosystem, erosion, geology, habitat, human footprint, marine, microplastics, natural disaster, ocean current, policy, renewable energy, single use plastic, species, water cycle.
Summer	Would you like to live	1. I can summarise the characteristics of a desert biome.	Identify, describe, locate, name, explain, discuss.	Location Relationships	Agriculture, airstrip, arid, barren, Biome, climate, desert,

	in the desert?	2. I can locate and explore features of deserts. 3. I can describe the physical features of a desert environment. 4. I can explain the different ways humans can use deserts. 5. I can describe some of the threats facing deserts. 6. I can explore the similarities and differences between two physical environments.		Diversity	Desertification, drought, flash flood, mesa, mining, mushroom rock, national park, natural arch, nature reserve, rainfall, ranching, renewable energy, salt flat, sand dune, sparse, time zone, tourist attraction, vegetation, weather.
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