



Knowledge and Skills Mind Map (Geography) Year 3 Spring Term

Knowledge : 

Disciplinary Concept: 

6. Can I compare lifestyle in different climate zones?

- **Prior knowledge (last lesson):** described major climate zones and located on a map
- **Vocab:** temperate, tropical, polar, clothing, activities, housing
- Know that lifestyle means the way people live
- Know how climate zones affect aspects of life:

	Temperate	Tropical	Polar
Clothing	Seasonal and adaptable (t-shirt/jumper)	Lightweight, breathable, loose fitting	Layers to trap heat, thermal clothing
Activities	Mix of indoor/outdoor depending on season	Generally outdoor—early in day to avoid midday sun	Dog sledding, snowmobile, skiing, ice fishing
Housing	Brick, sloped roof, double glazed windows	Bamboo, wood, concrete, shutters mosquito nets	Thick insulated walls, cabins. Huts, well heated

- **Place knowledge:** Compare lifestyle in different climate zones

1. Can I locate Egypt on a world map and label important places?

- **Prior knowledge (Year 2—Spring):** located 7 continents on a map
- **Vocab:** Egypt, transcontinental, Africa, Asia, Locate
- Know that Egypt is a transcontinental country located in Africa and Asia.
- Know where Egypt is in relation to the UK on a world map.
- Know that Cairo, Luxor, Valley of the Kings and River Nile are important places in Egypt. Locate these places on a map of Egypt.
- **Locational Knowledge:** Locate Egypt on a world map. Label Cairo, Luxor, Valley of the Kings and River Nile on a simple map of Egypt.

2. Can I identify the human and physical features of Egypt?

- **Prior knowledge (last lesson):** located Egypt on a map and labelled important places
- **Vocab:** human geography, physical geography, land use
- Know that human geography studies how people use land around them e.g. buildings, railways, roads
- Know examples of human geography in Egypt are towns/cities (e.g. Cairo), buildings and monuments (pyramids of Giza, mosques), transport (cars, buses, trains, boats on Nile, camels)
- Know that physical geography studies natural features e.g. mountains, rivers, oceans,
- Know examples of physical geography in Egypt are River Nile, desert (Sahara and Eastern Desert), Mount Sinai, Mediterranean Sea, Red Sea
- **Human and Physical Geography:** Identify human and physical features of Egypt.

• Features of Egypt
• Climates Around the World

5. Can I describe major climate zones and locate them on a map?

- **Prior knowledge (last lessons):** compared cities and river of London/Cairo
- **Vocab:** climate, climate zone, tropical, temperate, polar
- Know that climate means the usual weather of a place over a long period of time, including typical temperatures, rainfall and seasons, rather than day-to-day weather.
- Know three types of climate zones, characteristics:
 - **Tropical:** near equator, hot and wet all year, lots of sunshine, often rains, rainforests. (Brazil, Indonesia, Kenya)
 - **Temperate:** warm summers, cool winters, some rain, weather can change a lot, leaves fall from trees (UK, Japan, New Zealand)
 - **Polar:** very cold all year, lots of snow and ice, few plants (South Pole, North Pole, Norway)
- **Human and Physical Geography/Locational Knowledge:** Describe major climate zones. Locate major climate zones on a map

4. Can I compare the similarities and differences between a physical feature of the British Isles (River Thames) and Egypt (River Nile)?

- **Prior knowledge (last lesson):** compared Cairo and London
- **Vocab:** compare, physical geography, River Thames, River Nile
- **Know River Thames facts:** 215 miles/346km long, longest river in England, tidal river, runs through London, has 200 bridges, provides 2/3 of London's drinking water. Variety of wildlife: 125 species of fish, birds (geese, herons, swans, wagtails), seals, eels
- **Know River Nile facts:** longest river in the world (4160miles/6695km), flows through 11 countries (including Egypt), Egyptians rely on Nile for 95% of fresh water. Variety of wildlife: turtles, snakes, hippos, crocodiles
- **Place Knowledge:** Compare the similarities and differences between River Nile and Thames

3. Can I ask and answer geographical questions about Cairo and compare it with London?

- **Prior knowledge (last lesson):** human and physical features of Egypt
- **Vocab:** compare, Cairo, London, Capital City, climate, population
- Know that a geographical question can begin with 'who', 'what', 'where', 'when', 'why' and help us to gain new information about an area of geography
- Know that Cairo is an example of a human feature of Egypt as it is the capital city and has lots of buildings and roads.
- **Know key information about Cairo:** Capital city of Egypt, one of the largest cities in Africa, River Nile runs through it, mix of old (pyramids) and new (skyscrapers) buildings, desert climate (hot days, cool nights), population: 21 million
- **Know key information about London:** Capital city of England, River Thames runs through, variety of old and new buildings (e.g. Tower of London/Big Ben and Shard/London Eye), climate: short summers, longer winters, mixed weather, population: 10 million
- **Place Knowledge:** Compare London and Cairo