



Knowledge and Skills Mind Map (Geography) - Year 5 Autumn Term

Knowledge :



Disciplinary Concept:



Wend Class School

7. Can I explain population densities in Europe and show this on a map?

- **Prior Learning (last lesson):** compared climate across Europe
- **Vocab:** population, population density, dense sparse, urban, rural
- Know that population density varies across Europe, with some areas very densely populated and others sparsely populated.
- Know that maps have keys e.g. one colour-the darker the colour the greater the population density.
- Know that areas with temperate climate are densely populated e.g. grow crops in the UK.
- Know that western and central Europe (such as the UK, Germany and France) have higher population densities, especially in large cities.
- Know that northern Europe (such as Scandinavia) has low population density due to colder climates and difficult living conditions.
- Know that eastern Europe and large parts of Russia have low population density because of large land areas, colder climates and fewer major cities.
- Know that factors such as climate, jobs, transport, and physical features affect where people choose to live.
- **Geographical Skills and Fieldwork/Locational Knowledge:** Explain population densities in Europe and show on a map

Key features of Europe, (including Russia)

6. Can I compare the climate across Europe?

- **Prior Learning:**
 - **Year 3 Spring:** climate zones: temperate, tropical and polar climate.
 - **Year 4 Autumn:** compared climate of Italy (Mediterranean) with UK (temperate)
- **Vocab:** climate, Mediterranean climate, Temperate climate, Continental climate, Polar climate, latitude, altitude
- Know that Europe has different climates because it is a large continent stretching from the Arctic in the north to the Mediterranean in the south.
- Know that southern Europe (e.g. Spain, Italy, Greece) has a Mediterranean climate with hot, dry summers and mild winters.
- Know that western Europe (e.g. the UK, France) has a temperate climate with mild temperatures and regular rainfall.
- Know that eastern Europe (e.g. Poland, Russia) often has a continental climate, with colder winters and hotter summers.
- Know that northern Europe (e.g. Scandinavia) has a cold climate, with long winters and cooler summers.
- Know that mountains, seas, and distance from the Equator affect climate across Europe.
- **Place Knowledge/Human and Physical Geography:** Compare climate across Europe

1. Can I recap the countries of Europe and know the major cities? (atlas/digital mapping)

- **Prior Learning (Year 3—Summer)** - located countries of Europe
- **Vocab:** Europe, atlas, locate, Capital City
- Know that there are 44 countries in Europe, each with a capital city
- Know that we can use an atlas or digital mapping to locate countries and capital cities
- **Geographical Skills and Fieldwork/Locational Knowledge:** Use an atlas and digital mapping to locate European countries and major cities on a map of Europe

2. Can I locate Russia and its major cities on a map?

- **Prior Learning (last lesson):** recapped countries of Europe and major cities
 - **Vocab:** Russia, Europe, Asia
 - Know that Russia spans two continents: Europe and Asia
 - Know that it borders 14 countries, including China, North Korea and Norway
 - Know that the main cities in Russia include Moscow and St Petersburg
- **Geographical Skills and Fieldwork/Locational Knowledge:** Locate Russia on a map of Europe, and a map of the world;

3. Can I identify which countries were involved in WW2? (linked to History)

- **Prior Learning (lesson 1):** recapped location of European countries
- **Vocab:** Allies, Axis, World War 2
- **Allies:** UK, Soviet Union (Russia), USA, France, Australia, Belgium, Canada, China, Greece, India, Denmark, Netherlands, New Zealand, Norway, Poland, Yugoslavia
- **Axis:** Germany, Italy, Japan, Hungary, Bulgaria, Romania, Finland
- **Locational Knowledge:** Identify the allies/axis on a map of Europe

4. Can I use a key to present the main physical features of Europe on a map?

- **Prior Learning:** located countries and major cities of Europe
- **Vocab:** physical geography, mountains, rivers, seas, oceans, volcanoes
- Know a key is a guide that explains what symbols and colours on a map represent.
- Know that physical features are shown on maps using symbols, rather than words (e.g. blue line = river, triangle = mountain, triangle with dot= volcano)
- Locate the following key physical features of Europe:
 - Mountains: The Alps, The Pyrenees, Carpathian Mountains
 - Rivers: Danube, Rhine, Volga,
 - Seas: Mediterranean, North Sea, Baltic Sea
 - Oceans: Atlantic
 - Volcanoes: Etna, Vesuvius
- **Geographical Skills and Fieldwork/Human and Physical Geography:** use a key to present physical features of Europe

5. Can I research in detail and create a fact file about two physical features of Europe? (over 2 sessions)

- **Prior Learning:** Located significant physical features of Europe on a map
- **Vocab:** physical geography, Europe
- Know that Europe has many physical features, including mountains, rivers, seas, oceans, volcanoes and different climates.
- Know examples of physical features in Europe to research: mountains (Alps, Pyrenees), rivers (Danube, Rhine, Volga), Seas/Oceans (Mediterranean, North Sea, Baltic, Atlantic Ocean),
- **Human and Physical Geography:** Research two physical features in detail (e.g. climate and weather, mountains, rivers, volcanoes, earthquake)