

# Geography

## North America Year 5

### Remember when

- 7 continents and oceans
- Knowledge of South America

- Physical features in the world (Mountains)
- Trade links across the world

*Children must be able to recall the countries and capital cities of the UK.  
Children must know the location of Hull on the UK map and England on a world map.  
Children must understand the terms climate, biomes, equator and continents.*

### Sticky knowledge:

- The country America is broken down into 50 states and the capital city is Washington DC. North America has 23 countries
- North America has 9 time zones
- The Grand Canyon and Colorado River are examples of physical features.
- The Grand Canyon has a cool semi-arid climate with hot summers
- There are different biomes at different parts of the Grand Canyon.
- There are forests at higher altitudes and desert basins at lower altitudes
- Water is the main natural resource in the Grand Canyon. In the past people mined gold and other precious metals there
- Mining has a negative impact on the Grand Canyon. It threatens wildlife and drinking water.

### Key vocabulary

America  
North  
America  
states  
national park  
Canada  
Mexico  
climates  
biomes  
equator  
hemisphere  
tropics  
continent  
symbols  
latitude latitude  
longitude  
time zones  
Greenwich  
Antarctic Circle  
Arctic Circle  
Tropic of Cancer  
Tropic of  
Capricorn

### National curriculum

#### Locational Knowledge

- 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
- 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)

#### Place knowledge

- 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

#### Human and physical geography

- 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

#### Geographical skills and fieldwork

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

#### Y5 Map types

- Political
- Physical
- 
- Topographic
- Climate
- Ordnance survey
- Google maps

#### Y5 Map to include

- Countries
- Capital and major cities
- Regions/counties
- Mountainous regions
- Rivers
- Tourist information symbols (e.g service

#### Y5 Physical geography

- Rivers and estuaries
- Waterfalls
- Water cycle
- Land-use patterns
- Terrain
- Biomes and vegetation belts

#### Y5 Human geography

- Culture
- Landmarks
- Economic activity, including trade links

	station, campsite, place of worship)		
	<b>Title/ focus</b>	<b>Lesson outline</b>	
<b>Lesson 1</b>	<p>LO: To know the location of North America, its countries and human and physical features</p> <p>SK: The country America is broken down into 50 states and the capital city is Washington DC. North America has 23 countries.</p> <p>The Grand Canyon and Colorado River are examples of physical features.</p>	<p>Locate North America on a world map and identify the different countries.</p> <p>Identify cities including Washington DC. Label the physical and human features around the NASA headquarters.</p> <p>What is a physical feature?</p> <p>Identify physical features such as mountain ranges, rivers etc. Need to include Grand Canyon, Colorado River, Mount Denali, Mississippi River and The Everglades National Park.</p>	
<b>Lesson 2</b>	<p>LO: To understand time zones and how these relate to North America</p> <p>SK: North America has 9 time zones</p>	<p>Teach pupils about the significance of latitude longitude and how these relate to time zones. Recap learning on time zones from Y5 Earth and Space.</p> <p>Map of time zones, colour code and label.</p>	
<b>Lesson 3</b>	<p>LO: To know what climate zones are and describe the climate of an area of North America</p> <p>SK: The Grand Canyon has a cool semi-arid climate with hot summers</p>	<p>Look at world climate zones and relate to what pupils know about the poles and equator from KS1. Recap the difference between climate and weather from Year 3 and 4.</p> <p>Zoom in to N.Am Which climate zones has North America got?</p> <p>Use the Grand Canyon, Arizona as a case study- which climate zone is it? Use graphs and other data to identify the weather and climate in the Grand Canyon and compare to Yorkshire/ UK</p>	
<b>Lesson 4</b>	<p>LO: describe and understand key aspects of biomes and vegetation belts</p> <p>SK: There are different biomes at different parts of the Grand Canyon.</p> <p>There are forests at higher altitudes and desert basins at lower altitudes</p>	<p>Look at biomes of the world in general- what are biomes and vegetation? How are they linked?</p> <p>Use the Grand Canyon as a case study. Complete a biome fact file on the Grand Canyon. Research using devices, books and resource booklets.</p>	
<b>Lesson 5</b>	<p>LO: To understand the natural resources found in and around the Grand Canyon</p> <p>SK: Water is the main natural resource in the Grand Canyon. In</p>	<p>What resources are found in the Grand Canyon?</p> <p><a href="https://www.nps.gov/learn/education/lesson-plans/natural-resources-at-grand-canyon-national-park">Natural Resources at Grand Canyon National Park (U.S. National Park Service)</a> (<a href="https://www.nps.gov/">nps.gov</a>)</p>	

	the past people mined gold and other precious metals there	
<b>Lesson 6</b>	<p>LO: To understand how humans have impacted the natural resources and environment of the Grand Canyon</p> <p>SK: Mining has a negative impact on the Grand Canyon. It threatens wildlife and drinking water.</p>	<u><a href="http://grandcanyonguru.com">Learn about the Havasupai Tribe and Havasu Falls (grandcanyonguru.com)</a></u>
Working towards	<p><b>End of unit assessment</b></p> <p>Working at Age related expectations</p>	Working at a greater depth