



Y5 Knowledge Organiser – Geography



What is so special about the USA?

Map linked to topic



Key Vocabulary:

State – the civil government of a country

Latitude – the angular distance of a place north or south of the Earth's Equator

Longitude – the angular distance of a place east or west of the Greenwich meridian

Hemisphere – a half of the Earth, usually as divided into northern and southern halves by the western and eastern halves by an imaginary line passing through the poles

Time Zone - an area or stretch of land having a particular characteristic, purpose or use

Declarative Knowledge:

The United States of America is one of the largest countries in the world based on both population and land area. It has a relatively short history compared to other world nations and has one of the world's largest economies and one of the world's most diverse populations. As such, the United States is highly influential internationally.

The United States is divided into 50 states. However, state each varies in size considerably.

The major mountain ranges in the United States run in a north-south direction, they have a large impact on the climate of the country's various regions. The west coast, for example, has a milder climate than the interior because it is moderated by its proximity to the ocean, whereas places like Arizona and Nevada are very hot and dry because they are on the leeward side of mountain ranges.

The tallest mountain in the world is located in the United States. Mauna Kea, located in Hawaii, is only 13,796 feet (4,205 m) in altitude above sea level. However, when measured from the seafloor it is over 32,000 feet (10,000 meters) high, making it taller than Mount Everest

The lowest temperature ever recorded in the United States was at Prospect Creek, Alaska on January 23, 1971. The temperature was -80 degrees.

The hottest temperature recorded in the United States (and in North America) was in Death Valley, California on July 10, 1913. The temperature that day measured 134 degrees (56°C).



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English

As readers we will be exploring and reading the book 'Sacagawea'. We will learn how to use our inference skills to use clues from within the text to answer questions while developing our summative and explanation skills.

As writers we will be widening our spelling, grammar and punctuation skills by learning new skills from the Year 5 curriculum. We will be publishing a wide range of writing which will include both fiction and non-fiction.

Maths

As mathematicians we will be starting with the place value unit where we will explore the value of numbers and their place in numbers to 100,000. We will explore Roman numerals and move on to add and subtract larger numbers using formal methods of calculation.

Throughout each lesson we will be using our reasoning skills to answer a wide variety of questions.

Science

As scientists we will look closely at plants and humans while studying our scientific enquiry question of 'Do all animals and plants start life as an egg?'. We will be conducting science experiments to look at how plants reproduce and how they are vital to our world.

While studying animals we will also look closely at Jane Goodall and her links with monkeys.