



PROJECT PLACEMAT - EXPLORE - *How is the world split and yet connected?*



Concepts: Place, Connections, Change, Scale

Sticky Knowledge

Map Reading

- There are two norths: true north and magnetic north. True north is the direction of the geographic North Pole. Magnetic north is the direction the north end of a needle in a compass points.
- The world map that is familiar to most of us is the Mercator projection, but it is full of distortions so some countries appear larger or smaller than they actually are.
- Cartography is the study of maps and map making. Someone who makes maps is called a cartographer.

Europe

- There are 44 countries in Europe. A small number of countries on the continent are transcontinental, meaning they are considered to be a part of both Europe and Asia.
- Moscow, in Russia, is the largest city (not including transcontinental cities) with more than 12 million inhabitants.

North America

- There are 23 countries in North America, with Canada being the biggest.
- Before the Europeans arrived, the indigenous and native Americans lived in the continent. Today, only about 2% of US Americans consider themselves as descendants from native Americans.

Crucial Connections

Europe

<https://www.sporcle.com/games/g/europe>

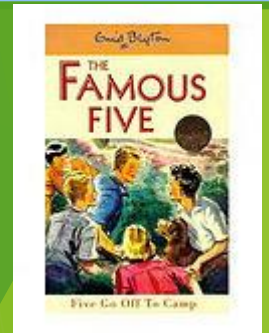
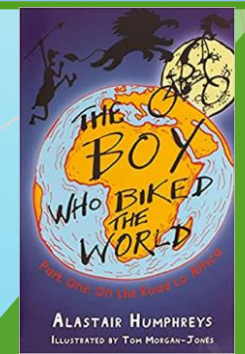
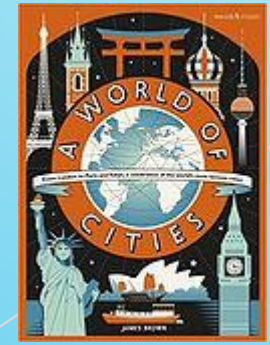
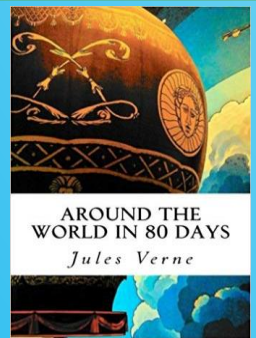
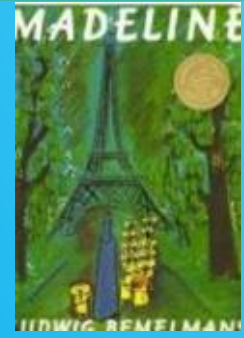
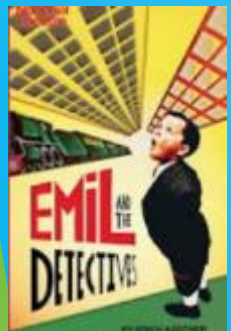
North America

<https://www.kids-world-travel-guide.com/north-america-facts.html>

Map Reading

<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zdk46v4>
<https://www.ordnancesurvey.co.uk/education>

Reading Recommendations





Learning together and making a difference.



Subject Specific Vocabulary

Map Reading

tropics

The tropics are regions of the Earth that lie roughly in the middle of the globe.

latitude

The lines extending around the Earth horizontally are called lines of latitude.

longitude

The lines extending around the Earth vertically are called lines of longitude.

hemisphere

A hemisphere is formed by dividing the earth into the Northern and Southern Hemispheres at the equator.

time zones

Time zones give specific areas on the Earth a time of day that is earlier or later than the neighbouring time zones.

Greenwich meridian

The prime meridian is the imaginary line that divides Earth into two equal parts: the Eastern Hemisphere and the Western Hemisphere, often called the Greenwich meridian.

symbol

Map symbols are used to represent real objects. Both shapes and colours can be used for symbols on maps.

grid reference

Numerical grid references consist of an even number of digits. Eastings are written before Northings.

Possibilities

Commercial/residential surveyor, Environmental consultant, Geographical information systems officer, Planning and development surveyor, Secondary school teacher, Social researcher, Town planner, Cartography.

Subject Specific Vocabulary

Europe

European Union

The EU tries to make it easier for Europeans to buy and sell things/trade with each other.

Mediterranean

It is a body of water that separates the continents of Europe, Africa and Asia.

North America

American state

The U.S. is a country of 50 states covering a vast swathe of North America.

national park

An area of countryside, or occasionally sea or fresh water, protected by the state for the enjoyment of the general public or the preservation of wildlife.