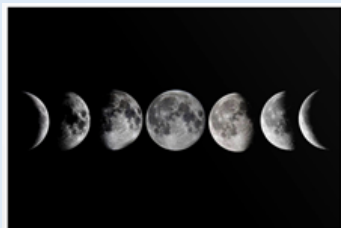


Year 5 – Term 2

**How can somewhere you have never been, be so important?**

## GEOGRAPHY



### Long-term Memory Knowledge:

The Earth rotates on its axis which causes us to experience day and night.  
Different countries experience day and night at different times; the length of night and day varies according to seasons and your position on Earth.  
The world is split into different time zones; some very large countries (e.g. the USA and Russia) experience more than one time zone.  
Time zones are not always straight lines: they follow countries and states because this makes things easier for people who have the same laws and social rules.

### Key Vocabulary

<b>orbit</b>	the curved path of a planet, moon or spacecraft round a star, planet, or moon
<b>rotate</b>	move or cause to move in a circle round an axis or centre
<b>axis</b>	a fixed reference line for the measurement of coordinates
<b>celestial</b>	something in or to do with the sky or outer space, e.g. a planet, moon or star
<b>longitude</b>	the measurement east or west of the prime meridian
<b>latitude</b>	the measurement north or south of the equator
<b>time Zones</b>	a region of the globe that keeps the same time; this is usually for legal, commercial and social purposes – to make people's lives easier!

### Progression in Resources:

Globes and atlases  
Satellite images: Google Earth  
Time zone maps

### Relevance

<b>Now</b>	Children know that day and night are experienced at different times, in different countries, around the world and have some understanding why.
<b>Future</b>	Children take into account different time zones when holidaying and/or working abroad as well as when contacting those in other time zones.
<b>Aspiration</b>	Children are curious about larger concepts such as time and space, maybe studying space as a hobby or developing the interest into a career.

### National Curriculum Links:

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).

### Essential Prior Learning:

Understand that the world is round.  
Know that the sun (appears to) rise and set from east to west; throughout the day the sun appears to move.  
The sun and Earth have a relationship with one another: the sun creates our day and night.

### Progression in Skill:

Locate and explain the significance of latitude and longitude and the prime Greenwich Meridian and time zones (including day and night).  
Develop an empathetic understanding of other people's feelings and perspectives on places.