Year 5 Term 2

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

GEOGRAPHY



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). Communicate what has been observed through talking, drawing and mark making.

Long-term Memory Knowledge:
Explain what lines of latitude and longitude are and how they are used. Show an understanding of time zones and the impact they have on different people. Know why different places experience day and night at different times.

Key Vocabulary	
orbit	the curved path of a planet, moon or spacecraft round a star, planet, or moon
rotate	move or cause to move in a circle round an axis or centre
axis	a fixed reference line for the measurement of coordinates
celestial	something in or to do with the sky or outer space, e.g. a planet, moon or star
longitude	the measurement east or west of the prime meridian
latitude	the measurement north or south of the equator
time zones	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	
Now	Children know that day and night are experienced at different times, in different countries, around the world and have some understanding why.
Future	Children take into account different time zones when holidaying and/or working abroad as well as when contacting those in other time zones.
Aspiration	Children are curious about larger concepts such as time and space, maybe studying space as a hobby or developing the interest into a career.