



Y6 Geography Autumn 2
Is it possible to go back in time?

Key Concept: Space, Interconnection

Assessment Writing Task
 Is it possible to go back in time?

Key Learning	
What is the Prime Meridian? Why is it placed in that location?	
Why is it day and night at different times in different locations?	
Why do some countries turn their clocks forwards and backwards by an hour during the year?	
Why do the time zones in North America not line up with the lines of longitude?	



Let's Remember! Space, Interconnection
Why is it better to eat local?
Where is the Tropic of Cancer, Tropic of Capricorn, Equator and Arctic Circle? What are their climates like?
Is there a pattern to where volcanoes, mountains and earthquakes are formed in the world?

Key Vocabulary	
Prime Meridian	Hemisphere
British Empire	Summer Solstice
Longitude	Winter Solstice
Latitude	
Time Zones	
Daylight Savings	
Axis	
Trade	
Country boundaries	

Key Facts
<ul style="list-style-type: none"> • Lines of latitude run parallel to the Equator. They are used to find out how far north or south a place is. • Lines of longitude go from the top of the Earth to the bottom. They are used to measure how far east or west a place is. • The Equator is an imaginary circle around the Earth. It is the centre of the lines of latitude. • The Prime Meridian is an imaginary line which runs through the UK. It splits the Earth into eastern and western hemispheres. It was decided that Greenwich would be the starting point, this is due to Britain being a major colonial power at this point. • The Earth rotates on its axis once every 24 hours. • The sun can only shine on the part of the Earth that it is facing therefore it is daytime for these places then. The places on the opposite side of the Earth are in the shade and therefore it is night time. • There are different time zones around the world and there is daylight at different times in different places. • Times in countries that are east of the Prime Meridian are in front of the UK. • Times in countries west of the Prime Meridian are always behind the UK. • The North Pole is 90° N and the South Pole is 90° S. • Time zones do not line up with the lines of longitude because of country/state borders, this can impact trade.