


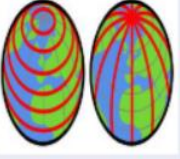
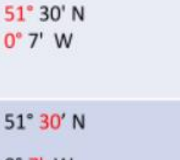

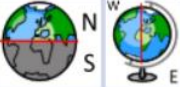





Vocabulary

pole		A point on a globe at 90 degrees north and south.
axis		An imaginary line that the Earth rotates around.
globe		A rounded object. The Earth is a globe.
latitude		Imaginary lines that run West to East around the Earth, parallel to the equator.
longitude		Imaginary lines that run North to South from pole to pole.
degrees	51° 30' N 0° 7' W	The measurement used for latitude and longitude.
minutes	51° 30' N 0° 7' W	A smaller measurement used for latitude and longitude between degrees.
time zone		A region of the globe which has the same time on a clock.
hemisphere		'Half sphere' – The Earth can be divided into East and West and North and South hemispheres
horizon		The line at which the land and the sky appear to meet. The sun rises and sets over this line.

Lines of latitude and longitude



North Pole
90°
Equator
South Pole

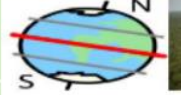

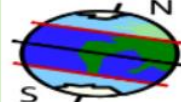


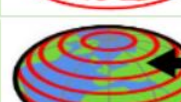



Longitude

International Date Line
180°
Prime Meridian
0°



Equator
Prime Meridian
Longitude

Line of Latitude Environmental Conditions

Equator 90°	Equatorial		
Tropic of Capricorn 22.5°S	Tropics (deserts)		
Tropic of Cancer 22.5°N			
Antarctic Circle 66°S	Polar		
Arctic Circle 66°N			
Mid latitudes (between the tropics and Antarctic/Arctic circles)	Mid latitudes		

Day in the UK is when the sun's rays hit our side of the earth when the earth has rotated on its axis

Night in the UK occurs when our side of the earth is facing away from the sun. It is then daytime on the opposite side of the globe



Key Questions

1. How do you use an atlas?
2. How do I calculate latitude and longitude?
3. What are time zones?
4. What physical features can I see from Space? Physical features
5. What are the human features of Italy compared to France? Economy Technology
6. How was Russia's politics involved in the Space Race?
7. Compare UK and one country studied in Space Exploration