

KEY

1. What are lines of latitude ? **east-west lines that circle the Earth parallel to the equator**
2. Which is the longest line of latitude? **the equator**
3. How far is each degree of latitude apart from each other ? **69 miles (111 km)**
4. What latitude does the Tropic of Capricorn have ? **23.5 degrees south of the equator**
5. What latitude does the Tropic of Cancer have? **23.5 degrees north of the equator**
6. How long does daylight last north of the Arctic Circle in summer? **24 hours**
7. Which large city does the Prime Meridian go through ? **London**
8. What happens when you cross the International Date Line ? **when you cross the line from east to west you move a day forward**
9. Where are degrees of longitude farthest apart from each other ? **at the equator**
10. How was early navigation different from the way we navigate today? **in the Middle Ages navigators used a sextant and stars to navigate , today they use GPS devices**
11. How long does it take for the Earth to rotate around its axis ? **24 hours**
12. Name a few countries that have more than one time zone ? **Russia, the USA, Canada**
13. How many degrees, in theory, is each time zone ? **15 degrees**
14. How does Daylight Saving Time (DST) work ? **in spring the clocks are moved one hour forward and in autumn one hour backwards**
15. What is the main aim of DST? **to save energy; to have more daylight during the summer months when people are outside a lot**
16. Where is DST mainly used? **North America, Europe**
17. Why don't countries around the equator use DST ? **because there is little difference between night and daytime during the year**