

Great Questions of Geography [Term 1]

The Earth & Solar System

1. Name the planets in the solar system:
2. Why do we have **life** on Earth?
3. What is the **Goldilocks theory** concerning life on Earth?
4. Is there '**intelligent life**' on other planets? Why/why not?
5. What **shape** is planet Earth:
i) Sphere ii) Geoid iii) Hemisphere
6. What is the name of the **gaseous sphere** of our planet?
7. What is the name of the **liquid sphere** of our planet?
8. What is the name of the **solid sphere** of our planet?
9. Which **planet** in our solar system is most **similar** to Earth?
10. What is the **nickname** for our planet?
11. In which **galaxy** do we find our solar system?
12. What does the Earth **ROTATE** around?
13. What does the Earth **REVOLVE** around?
14. How long does it take for Earth to do **one rotation**?
15. How long does it take for Earth to do **one revolution**?
16. What **angle** is Earth tilted at on its **axis**?
17. Why do we have **seasons**?

18. What are the Winter and Summer **SOLSTICES**?
19. What does the Latin word **EQUINOX** mean?
20. What are the **Autumn** and **Spring** Equinoxes?
21. Which event marks the beginning of **Winter**?
22. Which event marks the beginning of **Summer**?
23. Name one method for finding north, if you do not have a compass?
24. What position on a map does **LATITUDE** tells us: North/South or East/ West?
25. What position on a map does **LONGITUDE** tells us: North/South or East/ West?
26. Latitude & longitude are divided into **3 different types of measurement**, what are they? For example: $31^{\circ} 24' 37''$ N
27. How many degrees does the Earth rotate every 24 hours?
28. What is the name of **the line that divides the world** into two different hemispheres of East and West?
29. In which **city** is this line located?
30. If it is 10:00am in the UK, what is the time in Spain?
31. Why is the time in the UK and Spain different?
32. Which three other territories have the same time zone as the UK?
33. What does **CET** stand for?
34. Why is Spain on CET when it should be on the same time as the UK?

35. How many **TIME ZONES** are there?