

Study 'Earth's motion around the sun .Chapter 1

1. what causes the seasons?
2. How does the Earth move? (10)
3. How does the curve of the Earth affects the temperature on Earth? (15)
4. Why does the view of the sky change over time? (page 12)
5. Why is earth warmer at the equator and colder at the poles?.
6. At which location on the globe is the light more spread out?
7. Why do earth's seasons change as Earth's orbits around the Sun?
8. Say if the following statement is true or false and support your answer.

Seasonal changes depend on Earth's distance from the sun?

9. Write all concepts related to solstice and equinox learned in class

10. Why is the Equator warmest?

Because it is closest to the sun.

Because it receives the most direct sunlight.

Because no clouds form here.

Because it is far from the sun

11. The Earth's axis is tilted _____ degrees.

23.5

25.3

30.2

24

12. When the Northern Hemisphere is pointing towards the sun, what season is the Southern Hemisphere?

Winter Spring Fall Summer

12. How many planets are in the solar system?

- 6
- 10
- 9
- 8

What is the date of the Winter solstice?

- June 21-22
- September 21-22
- December 21-22
- September 20-23

13. What is an equinox?

- When the sun is directly above Earth's equator
- When the moon is directly about the Earth's equator
- When the Earth is directly above the Earth's equator
- When the sun is directly below the earth's equator

14. What is the date of the Summer solstice?

- June 21-22
- September 21-22
- December 21-22
- April 16-18

15. How many days does it take to go around the sun?

- 300 days
- 365 1/4 days
- 3000 days
- 364

16. The reason we have seasons is because we get closer and farther to the sun.

- True
- False

10. Study the vocab words of the unit.