

Questions from “The Reasons for Seasons”

Directions: Read the **Reasons for Seasons** in your science drive science folder. Then answer the following questions in complete sentences. Remember to put part of the question in your answer.

1. How much is the Earth tilted on its axis?
2. What month is the Earth closest to the Sun and furthest from the Sun?
3. Explain why there are seasons on Earth (draw pictures if necessary).
4. Explain why it is colder at the poles than at the equator.
5. Explain how the seasons in the Northern Hemisphere compare to the seasons in the Southern Hemisphere.
6. What does the word “equinox” mean and what happens on those two days of the year?
7. What is the special name for the day that has the longest amount of daylight?
8. What is the special name for the day that has the least amount of daylight?
9. Explain why the first day of winter is not the coldest day of the year (or why the first day of summer isn't the warmest day of the year)
10. Explain how and why seasons on Uranus are different from the other planets.
11. With what you now know about seasons and the tilt of a planet, how many seasons do you think Mars has?
12. Explain your answer to the questions above.
13. With what you now know about seasons and the tilt of a planet, how many seasons do you think Jupiter has?
14. Explain your answer to the questions above.
15. Click this link to <https://www.youtube.com/watch?v=gLBq9Tl-nfE> and watch the short video.