

Name: _____ Date: _____ HR: _____

Bill Nye The Science Guy: Earth's Seasons Video Worksheet

Before the video list 3 things you think you know about seasons:

- _____
- _____
- _____

During the video answer the following questions:

1. _____ effect how all things grow and change, every year.
2. The earth is sometimes / always tilted as it goes around the sun.
3. If it is _____ on one side of the world, it is winter on the other.
4. The southern hemisphere is another name for the southern _____ of the earth.
5. The reason it is cold in the winter is because we get sunlight / moonlight at an angle.
6. A pendulum can be used to show the _____ of the earth.
7. In the summer in Alaska, there are only a few hours of _____ a day.
8. A year is exactly _____ and _____ / _____ days long.
9. The tilt of the Moon / Earth causes the sun to appear in the sky at a slightly different spot every day.

10. The _____ are the longest days of the year.
11. The equinox / solstice is the time when the days are the same length around the world.
12. _____ has seasons because it's axis tilted, much like the earth.
13. As the _____ change, so do plants.
14. In Chile, Christmas is during the _____.
15. The days are longer or shorter because the earth's axis is _____.

After the video list 3 things you know now because of the video that you did not know before:

- _____
- _____
- _____

