**Seasons – Bill Nye**

1. **The earth’s seasons affects every \_\_\_\_\_\_\_\_\_\_\_\_\_ thing on earth.**
2. **Seasons affect the way that everything \_\_\_\_\_\_\_\_\_\_\_\_\_ and changes every year.**
3. **The reason that we have seasons on the earth is because the earth is \_\_\_\_\_\_\_\_\_\_\_\_\_.**
4. **The earth travels at 100 thousand \_\_\_\_\_\_\_\_\_\_\_\_ an hour around the sun.**
5. **When the earth is tilted \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the sun, it is summer.**
6. **When the earth is tilted \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the sun, it is winter.**
7. **The REASON for the SEASONS is the \_\_\_\_\_\_\_\_\_\_\_\_of the earth.**
8. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rays of the sun are concentrated on a smaller area than slanted rays, this is why direct rays produce more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
9. **The Earth’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the reason the sun and moon rises and sets and causes all kinds of weather.**
10. **The earth takes 365 ¼ days or one year to go \_\_\_\_\_\_\_\_\_\_\_\_\_\_ the sun.**
11. **Ancient cultures noticed that as the seasons changed, the moon went through its changes \_\_\_\_\_\_\_\_\_\_\_\_\_\_ times.**
12. **So 4 noticeable season changes multiplied by 3 moon cycles equaled \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ months or one year.**
13. **The earth is spinning on a tilted axis that is tilted the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at all times, which is the reason for the seasons.**
14. **The earth spins at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ km per hour, every day.**
15. **The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the longest and shortest days (June 21 and December 21)**
16. **The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are the 2 days that are the same length in daylight and dark (March 21 and September 21).**
17. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_has seasons just like Earth does because it is tilted also.**

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