

## Guiding Questions – Bill Nye Seasons Video

1. Why do we have seasons on Earth?
2. Why is it hot during the summer in the Northern Hemisphere?
3. Why is it cold during the winter in the Northern Hemisphere?
4. When it is summer in the Northern Hemisphere it is \_\_\_\_\_ in the Southern Hemisphere.
5. How long does the Earth take to revolve around the Sun once?
6. How many lunar cycles are in each season?
7. When it is summer in Texas, the Northern Hemisphere is tilted \_\_\_\_\_ the Sun.
8. On the \_\_\_\_\_, light hits both the Northern and Southern hemispheres equally.
9. What do June 21<sup>st</sup> and December 21<sup>st</sup> have in common?
10. When are the days and night the same length all over Earth?