**Badgers Topic 04/05/20 Earth and Space**

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It takes 8 minutes for light from the **Sun** to reach the Earth. Directly looking into the **Sun** for too long can damage your eyesight. The **Sun** is around 4.5 billion years old. The surface temperature of the **Sun** is around 5500 degrees Celsius. It is around 865,000 miles wide.

**The Sun** is fundamental to our life on Earth, it is a star that gives Earth its heat and light.

As the Earth travels around the sun in its orbit, the **North to South** position of the Sun changes over the course of the year because the change in the Earth’s tilt of its axes.

These changes give us our **Solstices and Seasons.**

There are 2 Solstices; winter and summer.

. what is the Winter solstice and what is it called?

. what is the Summer solstice and what is it called?

**Draw a Diagram showing the path of the sun during the seasons showing North, South, and East.**

