

The Earth: Seasons

Why do we have seasons?

The reason that we have seasons is essentially because the Earth spins on an axis and this axis is tilted. For example, when the North Pole is tilted towards the sun, we call this "Summer," as we, in the Northern Hemisphere, are in full view of the Sun.

Why is the temperature different in different seasons?

When it is Winter, the amount of light and heat energy radiated to the Northern Hemisphere is very little. This is because the Earth's axis is tilted away from the Sun.

Why are days longer in Summer than in Winter?

This is due to the Earth's axis being tilted towards the Sun and there being more time spent exposed to the sun.