Sun, Earth and Moon

Discussion Cards

The Earth stays still on its axis, giving us night and day.

Sun, Earth and Moon

Discussion Cards

The sun moves across the sky.

Sun, Earth and Moon

Discussion Cards

The Earth and sun are part of the solar system, the Earth at its centre.

Sun, Earth and Moon

Discussion Cards

The sun goes behind a hill at night.

Sun, Earth and Moon

Discussion Cards

The sun is too far away at night for its light to be seen.

Sun, Earth and Moon

Discussion Cards

Clouds cover the sun at night.

Sun, Earth and Moon

Discussion Cards

The moon covers the sun at night.

Sun, Earth and Moon

Discussion Cards

The sun goes around the Earth once a day.

Sun, Earth and Moon

Discussion Cards

The Earth goes around the sun once a day.

Sun, Earth and Moon

Discussion Cards

Earth is flat like a plate, so it seems round when you're over it and flat when you are on it.

Sun, Earth and Moon

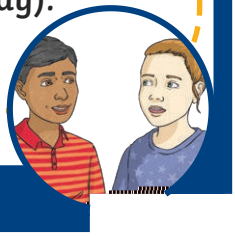
Discussion Cards

Changing the time on clocks changes the amount of daylight.

Sun, Earth and Moon

Discussion Cards

At the North and South pole, the day and night stay the same length all year round (e.g. 12 hours of light and 12 hours of darkness in a day).



Sun, Earth and Moon

Discussion Cards

The Earth is round like a ball, but people only live on the flat parts in the middle.

Sun, Earth and Moon

Discussion Cards

The Earth rotates in a clockwise manner.

Sun, Earth and Moon

Discussion Cards

Earth is closer to the sun during summer and further away during winter.

Sun, Earth and Moon

Discussion Cards

Seasons happen at the same time everywhere on Earth.

Sun, Earth and Moon

Discussion Cards

An Earth day is 24 hours because the Earth spins on its axis once every 4 hours.

Sun, Earth and Moon

Discussion Cards

At any one time, $\frac{3}{4}$ of the Earth is in sunlight (day) while the other $\frac{1}{2}$ is in darkness (night).

Sun, Earth and Moon

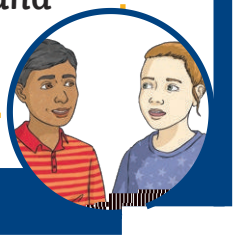
Discussion Cards

The sun shines during the day, and the moon shines at night.

Sun, Earth and Moon

Discussion Cards

The sun and the moon are on different sides of the Earth and the Earth rotates facing one and then the other.



Sun, Earth and Moon

Discussion Cards

The sun produces light only for the Earth.

Sun, Earth and Moon

Discussion Cards

The sun goes around the Earth.

Sun, Earth and Moon

Discussion Cards

The sun moves to cause day and night.

Sun, Earth and Moon

Discussion Cards

A day is the time it takes the Earth to move around the sun.

Sun, Earth and Moon

Discussion Cards

A day is the time it takes for the sun to move around the Earth.

Sun, Earth and Moon

Discussion Cards

Night occurs when the moon covers the sun.

Sun, Earth and Moon

Discussion Cards

Night occurs when clouds cover the sun.

Sun, Earth and Moon

Discussion Cards

The Earth is larger than the sun.

Sun, Earth and Moon

Discussion Cards

It is only dark at night because we need to sleep.

Sun, Earth and Moon

Discussion Cards

The sun and moon are the same size.

Sun, Earth and Moon

Discussion Cards

The side of the Earth facing the sun is in Earth's own shadow (night), while the side facing away is daylight.

Sun, Earth and Moon

Discussion Cards

The Earth spins in a clockwise direction when viewed from the North Pole.

Sun, Earth and Moon

Discussion Cards

The east coast of Australia has sunrise at the same time as the west coast.

Sun, Earth and Moon

Discussion Cards

Spinning and orbiting are the same.

Sun, Earth and Moon

Discussion Cards

The sun and the whole solar system are not moving through the Galaxy.

Sun, Earth and Moon

Discussion Cards

Solar noon (halfway between sunrise and sunset, when the sun is at its highest point in the sky) is the same as clock noon. The sun is directly overhead at noon.

Sun, Earth and Moon

Discussion Cards

Sundials can work without the sun.

Sun, Earth and Moon

Discussion Cards

Shadows do not change length or direction throughout the day.

Sun, Earth and Moon

Discussion Cards

The sun turns off to make the night.

Sun, Earth and Moon

Discussion Cards

The Moon does not rotate.

Sun, Earth and Moon

Discussion Cards

The Moon becomes larger on the horizon because it is closer to Earth.

Sun, Earth and Moon

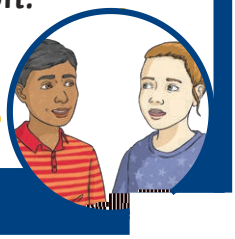
Discussion Cards

Phases of the Moon are caused by a shadow from the Earth, clouds, or the Earth's or Moon's rotation.

Sun, Earth and Moon

Discussion Cards

The same half of the Moon is always in darkness -i.e. there is a dark side of the Moon.



Sun, Earth and Moon

Discussion Cards

We can't feel Earth turning because it is moving so slowly.

Sun, Earth and Moon

Discussion Cards

The Sun is the only star that appears to move across our sky.

Sun, Earth and Moon

Discussion Cards

The Moon can only be seen at night, so it causes night.

Sun, Earth and Moon

Discussion Cards

The Sun is not a star.

Sun, Earth and Moon

Discussion Cards

The Moon does not rotate on its axis as it revolves around the Earth.

Sun, Earth and Moon

Discussion Cards

The sun rises exactly in the east and sets exactly in the west every day.

Sun, Earth and Moon

Discussion Cards

The earth is the largest object in the solar system.

Sun, Earth and Moon

Discussion Cards

The phases of the Moon are caused by the Moon moving into the Sun's shadow.

Sun, Earth and Moon

Discussion Cards

Stars and constellations appear in the same place in the sky every night.

Sun, Earth and Moon

Discussion Cards

The shape of the moon always appears the same.

Sun, Earth and Moon

Discussion Cards

Different countries see different phases of the Moon on the same day.

Sun, Earth and Moon

Discussion Cards

The Moon makes light the same way the Sun does.

Sun, Earth and Moon

Discussion Cards

The Moon goes around the earth in a single day.

Sun, Earth and Moon

Discussion Cards

The Sun does not rotate.

Sun, Earth and Moon

Discussion Cards

Seasons are caused by the Earth's changing distance from the Sun. Winter happens when Earth is furthest away from the Sun, and summer when it is closest to it.