

The Moon is a lot smaller and closer to Earth than the Sun. Earth has its own moon which can be seen on any clear night. Just as the Earth orbits the Sun, the Moon orbits Earth. Mercury and Venus are the only planets in the solar system which don't have any moons at all (Saturn has 62 moons).

At night the Moon gives us light, but it isn't a light source like the Sun. It reflects the light from the Sun. Sometimes the Earth reflects light onto the Moon.

Read the text above carefully and answer the following questions directly in your books.

1. How old is the planet Earth?
2. How many moons does Earth have, and what force holds them in orbit around our planet?
3. Describe the relationship between the Moon, Earth, and Sun, including how the Moon interacts with sunlight and reflects light onto Earth.