

Note 1

The Solar System includes the Sun, planets, moons, asteroids, and comets. The Sun is the center and provides energy for life on Earth.

Note 2

Eight planets orbit the Sun. Four are rocky terrestrial planets (Mercury, Venus, Earth, Mars). Four are gas giants (Jupiter, Saturn, Uranus, Neptune).

Note 3

Earth is the third planet from the Sun and supports life because it has a suitable atmosphere, liquid water, and moderate temperatures.

Note 4

Moons orbit planets. Earth has one. Jupiter and Saturn have dozens. Some moons might even have oceans that could support life.

Note 5

Asteroids are rocky objects mainly between Mars and Jupiter. Comets are icy objects with glowing tails when near the Sun. Studying the solar system helps us learn about the universe.