ONE PAGE SUMMARY

Kids Learning › Science for Kids › Solar System

What is Solar System

Explore the Wonders of Our Solar System!

DEFINITION

> The solar system is a collection of celestial bodies, including the Sun, planets, and moons, that orbit around the Sun. It is our cosmic neighborhood in space.

KEY CONCEPTS

The Sun

The Sun is a star at the center of our solar system and provides light and heat.

Planets

Planets are large celestial bodies that orbit the Sun, including Earth, Mars, and Jupiter.

Moons

Moons are natural satellites that orbit planets, like Earth's Moon.

Asteroids

Asteroids are small rocky bodies that mostly exist in the asteroid belt between Mars and Jupiter.

Comets

Comets are icy bodies that release gas and dust, forming a glowing coma and tail when close to the Sun.

EXAMPLES

→ Earth orbits the Sun once every year.

→ Jupiter is the largest planet in our solar system.

→ Comets can be seen from Earth when they pass close to the Sun.

MEMORY TIPS

★ Use the acronym 'My Very Educated Mother Just Served Us Noodles' to remember the planets.

★ Visualize the solar system as a big family with the Sun as the parent.

★ Think of the asteroid belt as a rocky neighborhood between Mars and Jupiter.

COMMON MISTAKES

✗ Confusing the order of the planets.

✗ Thinking all celestial bodies are planets.

✗ Not recognizing that the Sun is a star, not a planet.

QUICK RECAP

The solar system consists of the Sun, planets, moons, asteroids, and comets. Remember the order of the planets and the role of the Sun as the central star. Review key concepts to prepare for your exam!