

SCIENCE PROJECT • CLASS 5

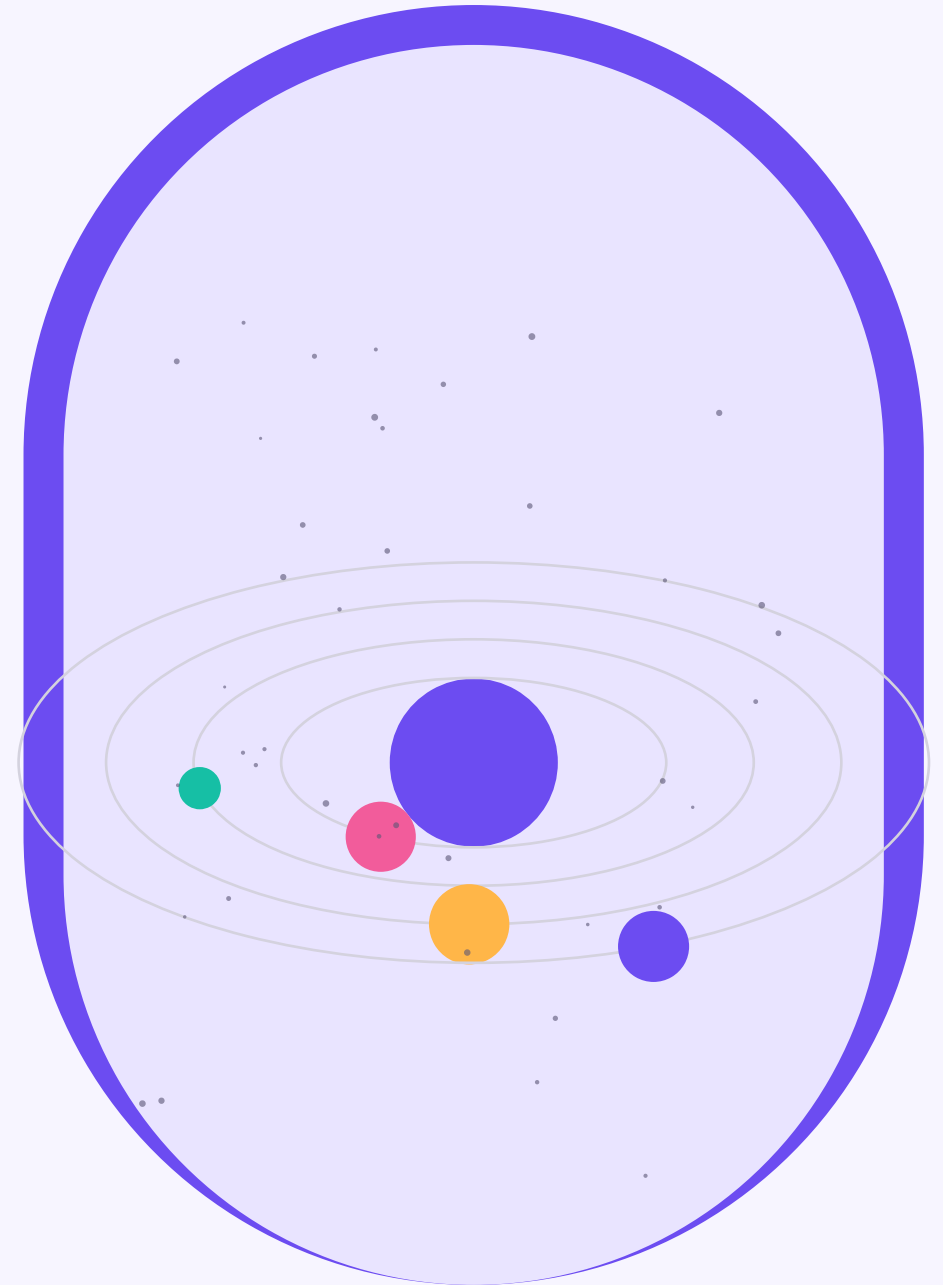
Our Solar System

A journey around the Sun and its planets

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CLASS
5 – B

SCHOOL
Your School Name



Agenda

01

Introduction

02

Facts

03

How it works

04

Activity

05

Conclusion

What is the solar system?

The solar system is the Sun and everything that travels around it — planets, moons, asteroids and comets.

Eight planets orbit the Sun. The four inner planets are rocky, and the four outer planets are giant balls of gas and ice.



Picture of the solar system

Amazing facts

8

planets orbit the Sun

1.3 M

Earths could fit inside the
Sun

8 min

for sunlight to reach Earth

Types of planets

01

Rocky planets

Mercury, Venus, Earth and Mars.

02

Gas giants

Jupiter and Saturn.

03

Ice giants

Uranus and Neptune.

Day, year and seasons

1 Spin

Earth turns once a day

2 Orbit

Earth goes around the Sun in a year

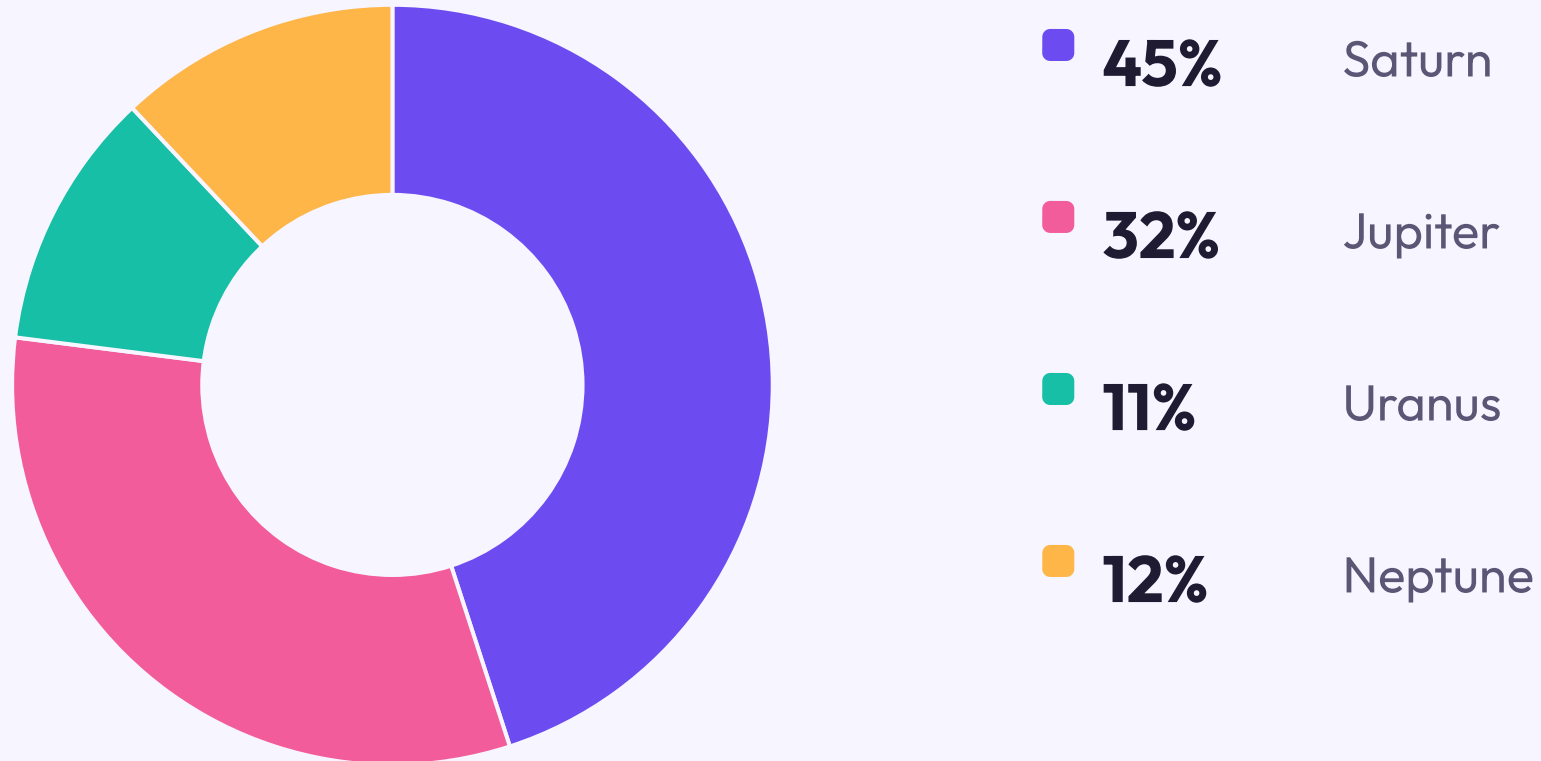
3 Tilt

Earth's tilt gives us seasons

4 Moon

The Moon orbits Earth monthly

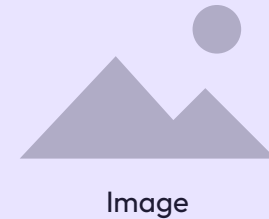
Moons of the giant planets



Sample data for illustration.

Our activity

- Make planets from clay or paper balls
- Arrange them in order from the Sun
- Use a string to show each orbit
- Label each planet with one fun fact



Earth vs Mars

Earth

- ✓ Liquid water on the surface
- ✓ Air we can breathe
- ✓ One moon

Mars

- Cold, dry desert
- Very thin air
- Two small moons

What we can do

01

Stargaze

Look for planets on a clear night.

02

Read

Find a space book in the library.

03

Ask

Write down three questions about space.

“

The universe is full of magical things
waiting for us to discover.

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Thank you!

Keep looking up!

Ananya Gupta · Class 5

