

The Solar System

Level: B1 (Intermediate)

Age Group: Teens / Young Adults (13+)

Time: 60–80 minutes (adaptable)

Materials:

The Solar System Text (PDF)

The Solar System Worksheet 1 (PDF)

Optional visuals (planet images, projector or cards)

Learning Objectives:

By the end of the lesson, students will be able to:

Understand and describe basic facts about the Solar System.

Identify key vocabulary related to astronomy and space.

Demonstrate comprehension through true/false reasoning and inference.

Use comparative and descriptive language to talk about planets.

Express opinions and make connections through speaking and writing tasks.

Key Vocabulary:

orbit, axis, asteroid, comet, atmosphere, galaxy, gravity, telescope, surface, ring, storm, rotation

Lesson Procedure

1. Warm-up (10 min) — “Guess the Planet”

Show or describe clues (e.g., “It has rings”, “It’s red”).

Students guess the planet.

Elicit prior knowledge and introduce the topic.

Differentiation: Show planet images for visual learners.

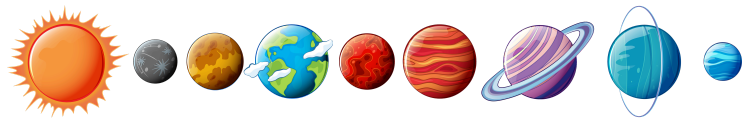
2. Pre-Reading (10 min) — Activate Knowledge

Write “Solar System” on the board and brainstorm:

“What do you already know about it?”

Pre-teach 4–5 key words (orbit, axis, storm, rings, galaxy).

Speak: “Which planet do you think is the biggest? The coldest?”



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3. While-Reading (20–25 min)

Material: ***The Solar System Text (PDF)***

a) First Reading — General Understanding (Skimming)

Students read silently and answer:

How many planets are there?

Where is the Sun located?

b) Second Reading — Detailed Comprehension

Students read again and complete Worksheet 1 (Sections 1–3):

True / False / Not Mentioned

Find words for definitions

Comprehension questions

Encourage peer checking in pairs before correction.

4. Post-Reading (15–20 min) — Apply and Extend

Choose one or more:

Option A – Speaking: “My Favorite Planet”

Students work in pairs:

Choose a planet and describe it (size, temperature, color, distance).

Use comparatives and adjectives.

Share with the class.

Option B – Writing: “Life Beyond Earth”

Write 5–7 sentences imagining life on another planet.

Use “there is / there are” and one comparative.

5. Wrap-up and Reflection (5 min)

Review the main facts: “What surprised you most about the Solar System?”

Self-evaluation checklist:

- ☐ I understood the text.
- ☐ I used new words.
- ☐ I can describe a planet in English.