

# **Teacher's Resources**

Teaching notes · Worksheets



## CONTENTS

**SOCIAL SCIENCE**

- The solar system
- Planets

**LANGUAGE FOR LEARNING**

- Use **comparative** and **superlative constructions**: -er / -est
- **Ask and answer** about planets and their characteristics.
- The use of the **present simple** and **past simple**

**LANGUAGE OF LEARNING**

- **Nouns**: asteroid, asteroid belt, astronomer, atmosphere, comet, crater, dust storm, helium, hydrogen, mission, Moon, planet, solar system, space, spacecraft, speed, star, Sun, surface, telescope, windstorm
- **Adjectives**: bright, close, dwarf, fascinated, fast, huge, rocky, solid, thin
- **Verbs**: be composed of, believe, cover, discover, disintegrate, enter, explore, float, gaze, heat, lack, orbit, reflect, support, survive, sustain, transform, travel around

## READING ROUTE

**Before reading:**

Encourage the children to predict what the book is about. Show them the cover and ask: *What do you know about our solar system?* Write their answers on the board. Tell the children they will review their answers after they have finished reading. The vocabulary worksheet can be used to introduce the book. The children will learn or revise vocabulary before they start reading, which will help them to understand the content. This will also help them to answer your questions about the book.

**During the reading:**

Guide the children by asking questions: *Do you think astronauts like living in space? What do you think Mercury is like? Have you ever seen a comet?* Have them explain their responses to create discussion and debate.

**After reading:**

Review the children's predictions to compare what they know having read the book. Then they can complete the graphic organiser by researching about a planet. The vocabulary worksheet and picture dictionary can be used after reading to practise the new vocabulary. Finally, give the children the reading comprehension test (Advanced or Basic level) to make sure they have understood what they have read.

**WORKSHEETS****1. Vocabulary sheet**

This worksheet can be used before or after reading the book to practise and learn new words.

**2. Graphic organiser**

For individual or pair/group work. The children complete the graphic organiser by choosing a planet, then finding some interesting facts about it and analysing its main characteristics. Then they can share ideas with the whole class.

**3. Two reading comprehension tests**

Advanced (test A) and Basic (test B) levels. These can be used in class to assess the children's reading comprehension skills.

**4. Picture dictionary**

Use the picture dictionary to help you introduce and explain the content. The children can complete it using the words provided in the box.

**ANSWER KEY****Vocabulary sheet****1. Label the planets in the solar system.**

- |            |            |
|------------|------------|
| 1. Mercury | 2. Venus   |
| 3. Earth   | 4. Mars    |
| 5. Jupiter | 6. Saturn  |
| 7. Uranus  | 8. Neptune |

**2. Circle the correct planet.**

- |          |            |            |
|----------|------------|------------|
| 1. Mars  | 2. Jupiter | 3. Mercury |
| 4. Venus | 5. Neptune |            |

**Reading comprehension  
Test B (basic)****1. Circle the correct answer.**

- |      |      |      |      |
|------|------|------|------|
| 1. b | 2. a | 3. c | 4. b |
|------|------|------|------|

**2. Classify and complete the table.**

**Rocky planets:** Earth, Mars, Mercury, Venus

**Gas giants:** Jupiter, Neptune, Saturn, Uranus

**Reading comprehension  
Test A (advanced)****1. Answer the questions.**

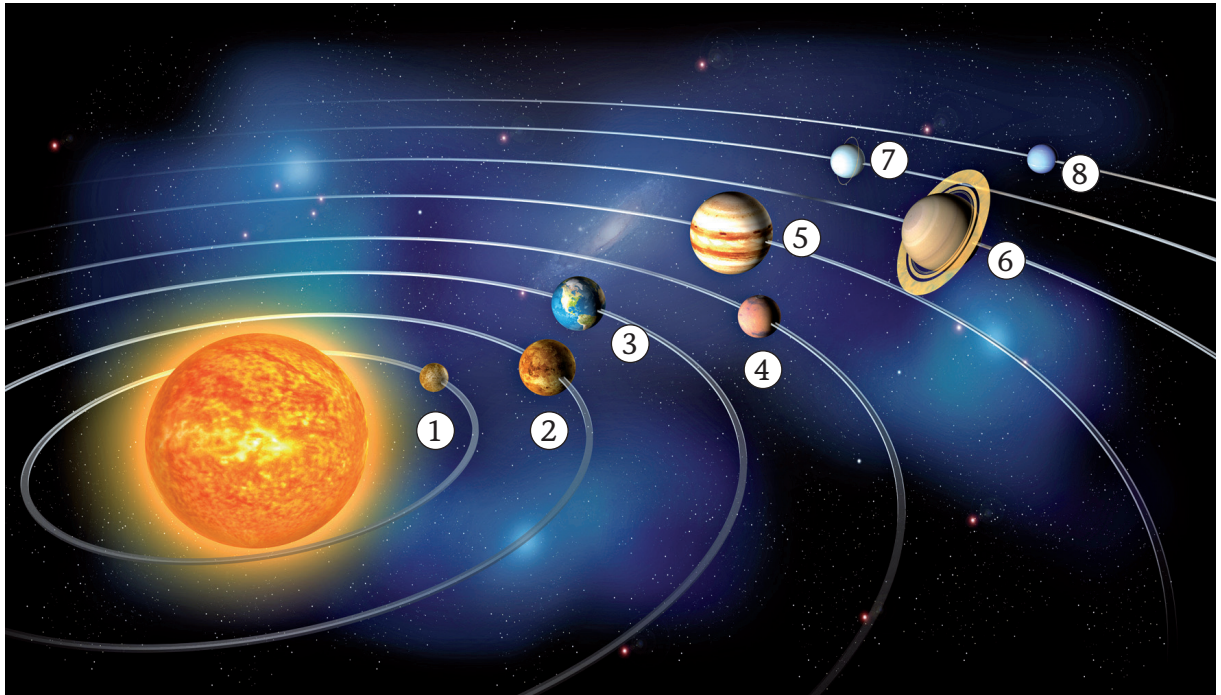
- The planet Mercury can't sustain life because it is very close to the Sun and extremely hot.
- Venus gets its name from the Roman goddess of love. The Romans named this planet Venus because of its beauty.
- Robots are important for scientists because they help them to discover the composition and nature of other planets.

**2. Complete the sentences using these verbs.**

- |                 |            |             |
|-----------------|------------|-------------|
| 1. reflect      | 2. survive | 3. supports |
| 4. disintegrate | 5. orbit   |             |

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**1 Label the planets in the solar system.**


1. \_\_\_\_\_

5. \_\_\_\_\_

2. \_\_\_\_\_

6. \_\_\_\_\_

3. \_\_\_\_\_

7. \_\_\_\_\_

4. \_\_\_\_\_

8. \_\_\_\_\_

**2 Circle the correct planet.**

1. The fourth planet from the Sun

Mars / Venus

2. The largest planet in the solar system

Saturn / Jupiter

3. The closest planet to the Sun

Earth / Mercury

4. The brightest planet in the sky

Venus / Uranus

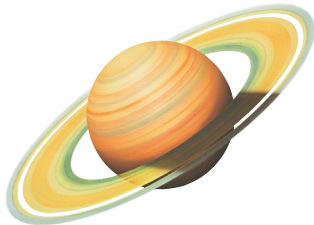
5. The furthest planet from the Sun

Neptune / Uranus

Name: \_\_\_\_\_

Date: \_\_\_\_\_

- 1** Choose a planet. Find information about the planet and complete the boxes.



## PLANET RESEARCH

My planet: \_\_\_\_\_



It is the \_\_\_\_\_ planet from the Sun.

This is what it looks like:

Temperature:  
\_\_\_\_\_ °C

Circle one:

cold

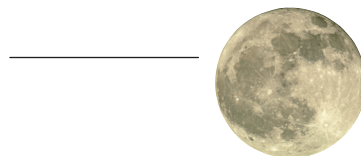
warm

hot



Distance from the  
Sun: \_\_\_\_\_ km

Number of moons:



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Interesting facts:

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**1 Circle the correct answer.**

1. Which was the first planet to be discovered with a telescope?
a. Venus                      b. Uranus                      c. Jupiter
2. What's the name of the robot that lives on Mars?
a. Curiosity                      b. Apollo                      c. Armstrong
3. Where are asteroids found?
a. Between Uranus and Jupiter b. Between the Sun and the Earth c. Between Mars and Jupiter
4. Which planet has the same name as the Roman god of agriculture?
a. Mars                      b. Saturn                      c. Mercury

**2 Classify and complete the table.**

Earth	Jupiter	Mars	Mercury
Neptune	Saturn	Uranus	Venus

Rocky planets	Gas giants

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**1 Answer the questions.**

1. Why can't Mercury sustain life?

---



---

2. Where does Venus get its name from?

---



---

3. Why are robots important for scientists?

---



---

**2 Complete the sentences using these verbs.**

disintegrate

orbit

reflect

survive

supports

1. Clouds in Venus \_\_\_\_\_ sunlight.

2. Living things on Earth can \_\_\_\_\_ thanks to the air in the atmosphere and water.

3. The Sun \_\_\_\_\_ life on Earth.

4. Meteors \_\_\_\_\_ when they fall towards the ground.

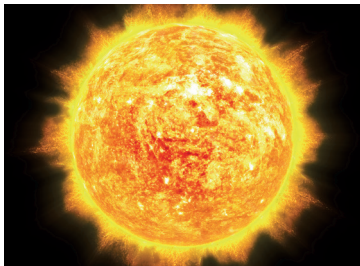
5. Planets, moons, comets and asteroids \_\_\_\_\_ the Sun.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**1** Complete the picture dictionary.

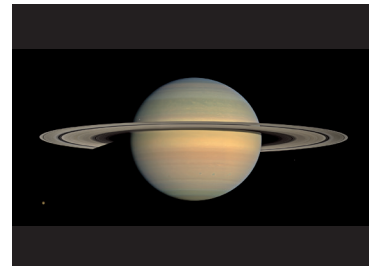
asteroid belt    astronaut    atmosphere    comet    crater  
meteor    Moon    planet    robot    spacecraft    Sun    telescope



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



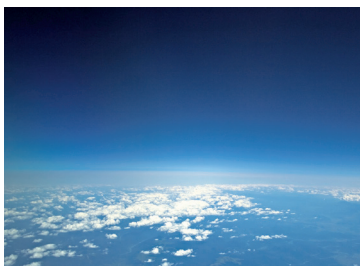
\_\_\_\_\_



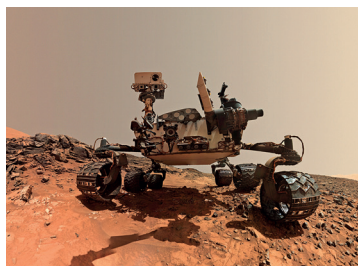
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_