



# DO YOU KNOW?

## SPACE

Reading  
Activities

Level 4

### 1

Look at the photos on pages 4–5. Read and circle the correct words. The first one has been done for you.

- 1 There are a lot of different objects / space in this picture.
- 2 The *science* / *scientist* is learning more about rocks from Mars.
- 3 The student is *connecting* / *rotating* the tablet.
- 4 *Galaxy* / *Gravity* explains why this apple falls to the ground.
- 5 *New life* / *star* starts in spring.
- 6 One billion is a *huge* / *tiny* number.

### 2

Look at pages 6–9. Order the places in space. Write 1 (the nearest to Earth) to 6 (the furthest from Earth).

- |                   |                                    |
|-------------------|------------------------------------|
| Neptune           | <input type="checkbox"/>           |
| the asteroid belt | <input type="checkbox"/>           |
| Saturn            | <input type="checkbox"/>           |
| Mars              | <input type="checkbox" value="1"/> |
| the Oort cloud    | <input type="checkbox"/>           |
| Kuiper belt       | <input type="checkbox"/>           |



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## SPACE

### 3

Look at pages 10–19. Read the sentences and write *T* or *F* on the lines.  
The first one has been done for you.

- 1 The Sun comes up in the west. .....*F*.....
- 2 It takes one year for Earth to travel around the Moon. .....
- 3 The Milky Way is in the center of our galaxy. .....
- 4 Spacecrafts travel faster without astronauts. .....
- 5 The Parker Solar Probe travels faster than light. .....
- 6 We can only see wormholes in films. .....
- 7 We can find black holes by seeing how stars move near them. .....
- 8 The Milky Way is a supermassive black hole. .....

### 4

Look at pages 20–29. Match the questions and answers.  
The first one has been done for you.

- |   |   |
|---|---|
| 1 Do we know there was life on Mars?    | <b>a</b> No, but we can see it pulling on objects like stars. |
| 2 What do you call the biggest stars?   | <b>b</b> They are cold and dark.                              |
| 3 What is Eta Carinae A?                | <b>c</b> It is very heavy.                                    |
| 4 What is special about a neutron star? | <b>d</b> No, but we know there was water then.                |
| 5 What are rogue planets like?          | <b>e</b> It is a hypergiant star.                             |
| 6 Do we know there is dark matter?      | <b>f</b> They are hypergiant stars.                           |