

Unit
7

Earth and Our Universe



How do objects in space
affect one another?

- 1 What do the different photos show? Write the missing letters.



1 _ _ _ r _ n _

2 _ u _ m _ _

3 _ _ _ ll



4 w _ _ _ e _

5 the ph _ s _ _ _ of the _ oo _

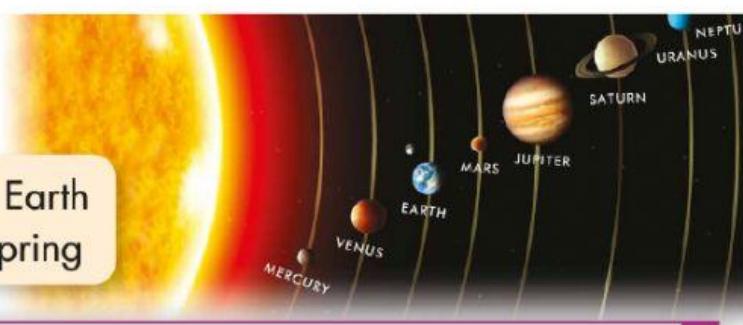


6 _ a _ t _ _ _ e

7 n _ _ _ _ _ t _ m _

4 Earth's best friend. Read the text.
Complete with words from the box.

universe summer daytime Earth
the sun phases of the moon spring



People often say, "I can't live without my cell phone/the Internet/chocolate," but have you ever thought what it is that we really, really cannot live without? I'll give you an idea. Without it, there's no (1) _____, there's only nighttime. It's the only reason seasons exist. Without it, there's no (2) _____ or fall, and there's no winter or (3) _____. Without it, there's no light or heat. Without light, plants and animals cannot grow. Without heat, Earth is only a rock floating in the (4) _____.

Yes, it is the sun. The sun and Earth are best friends, but this won't last forever. Earth has depended on the sun for energy for over 4.6 billion years. Scientists think they have another 7 billion years together before the sun dies.

The sun and the moon look like they are the same size in the sky, but this isn't true. The sun is 400 times larger than the moon. Because the sun is also 400 times further away, they seem to be the same size from (5) _____. Depending on the (6) _____, most of the time the moon shines brightly at night, but not with its own light. Where does the light come from? Can you guess?

The light comes from (7) _____.

(Ryan Hanlon, Grade 5)