



ZOOM INTO SPACE

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kids media



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THE SUN QUIZ!

If you get stuck, all the information you need to answer the questions is in your *Zoom Into Space The Sun* book.

1: What is the Sun?

- a) A planet
- b) An asteroid
- c) A star

2: How many planets orbit the Sun?

- a) 7
- b) 8
- c) 14

3: Which statement is true?

- a) The Sun is a giant ball of burning gases.
- b) The Sun is rocky and dusty.
- c) The Sun has water on its surface.

4: How many Earths could fit into the Sun?

- a) 1 million
- b) 25
- c) 50

5: Which statement is true?

- a) The solar system is made up of all the stars in the sky.
- b) The solar system is made up of the Sun and all the objects orbiting it.
- c) The solar system is another name for the asteroid belt.

6: What is a sunspot?

- a) A place on the Sun that is cooler than the rest of the Sun's surface
- b) A shadow on Earth
- c) A large loop of super-hot gas erupting from the Sun into space

7: How long does it take the Sun to rotate, or spin around, once?

- a) Nearly 1,000 Earth days
- b) About 2 hours
- c) About 25 Earth days

8: Which statement is false?

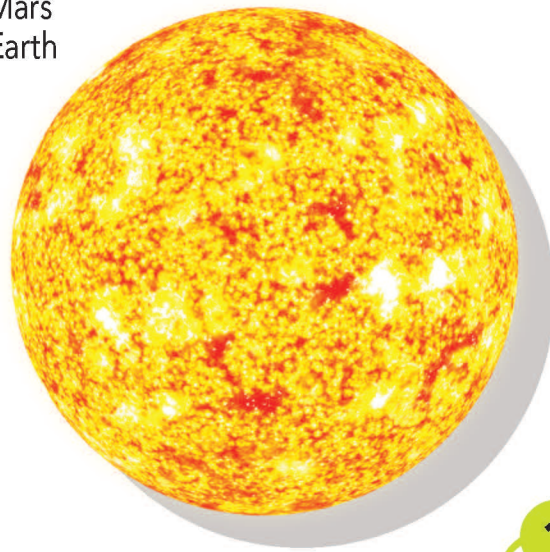
- a) The Sun can be studied using space probes.
- b) Humans may someday land on the Sun.
- c) Looking directly at the Sun will harm your eyes.

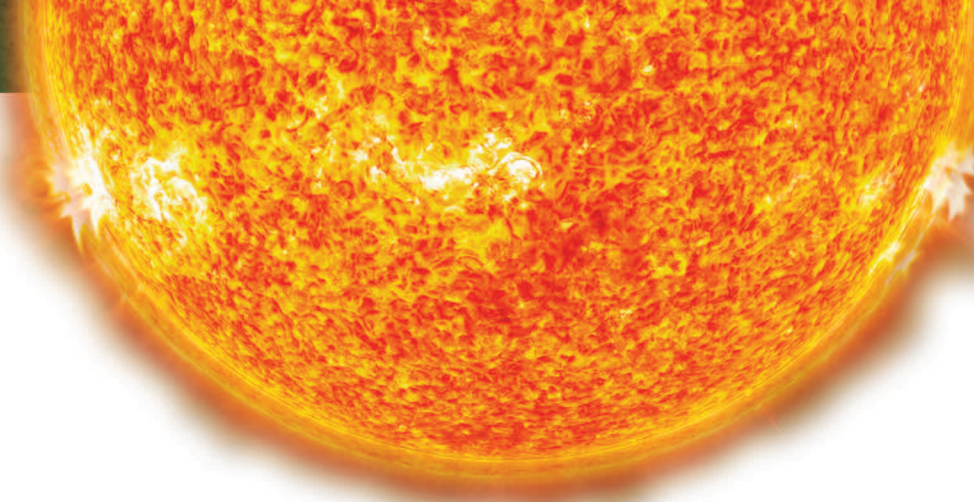
9: How far is Earth from the Sun?

- a) Nearly 250,000 miles (400,000 km)
- b) About 93 million miles (150 million km)
- c) Over 100 trillion miles (160 trillion km)

10: Which of these planets is closest to the Sun?

- a) Mercury
- b) Mars
- c) Earth





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11: What is the mission of the SDO probe?

- a) To beam pictures of the Sun back to Earth
- b) To explore the solar system
- c) To see if aliens are using the Sun to beam messages to Earth

12: When does an eclipse of the Sun happen?

- a) When the Moon passes between Earth and the Sun
- b) When the Sun passes between Earth and the Moon
- c) When Earth passes between the Sun and the Moon

13: During a total eclipse of the Sun, what happens?

- a) Day may seem to turn into night.
- b) Clouds block out the Sun's light.
- c) Night may seem to turn into day.

14: How would the Sun look if viewed from Pluto?

- a) Smaller than it appears from Earth
- b) Larger than it appears from Earth
- c) The same size as it appears from Earth

15: Which statement is true?

- a) A comet is another name for a solar flare.
- b) A comet is another name for an asteroid.
- c) A comet is an icy object that orbits the Sun.

16: Which of these planets is farthest from the Sun?

- a) Jupiter
- b) Venus
- c) Uranus

17: Without the Sun, what would happen?

- a) Earth would get light from the Moon.
- b) No life on Earth would survive.
- c) People would get more sleep.

18: Which statement is true?

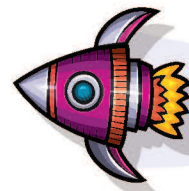
- a) Most asteroids orbit the Sun in the asteroid belt.
- b) Most asteroids are between Mercury and the Sun.
- c) Most asteroids orbit Earth.

19: Which statement is false?

- a) The Sun is the largest star in space.
- b) The Sun travels through space at 490,000 miles per hour (790,000 km/h).
- c) The Sun looks bigger than other stars because it is closest to Earth.

20: What did the ancient Romans call the Sun?

- a) Sol
- b) Gas
- c) Sunday



2: b 4: a 6: a 8: b 10: a 12: a 14: a 16: c 18: a 20: a
1: c 3: a 5: b 7: c 9: b 11: a 13: a 15: c 17: b 19: a

ANSWERS