



SOLAR SYSTEM QUIZ - QUESTIONS

Levels 01-03: Score 1 point for each correct answer

Levels 04-07: Score 2 points for each correct answer

Levels 08-10: Score 3 points for each correct answer

Best score = 60 points

Level 01: Easy starters

- What star is at the centre of the Solar System?
- Which planet is closest to the Sun?
- Which planet is the 'third rock from the Sun'?

Level 02: A little harder

- Which is the biggest planet?
- Which planet is famous for its rings?
- Which is the 'red planet'?

Level 03: Name it

- A rock orbiting the Sun, between Mars and Jupiter.
- The planet with the Great Red Spot.
- The hottest planet.

Level 04: Questions about distances

- Which is further from the Sun, Earth or Mars?
- The average distance of the Earth from the Sun is 1 AU. What does AU stand for?
- Which giant planet is about 5 AU from the Sun?

Level 05: Moons

- How many moons has the Earth?
- Which two planets have the most moons?
- Europa is a moon which might support life. Which vital substance does it have?





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Level 06: Comets

- What are comets made of?
- Which way does a comet's tail point?
- Planet's orbits are nearly circular. What shape is a comet's?

Level 07: Earth

- Which liquid on Earth is necessary for life?
- Name two gases produced by living organisms.
- If the Earth turned more slowly on its axis, how might we be affected?

Level 08: Seasons

- The Earth has seasons because its axis is tilted. What is the angle of its tilt?
- Which planet has a similar tilt, so that it has similar seasons?
- Does Mercury have seasons?

Level 09: Venus

- Why is it impossible to see Venus's surface from Earth?
- Which spacecraft mapped Venus's surface?
- Why is there no life on Venus?

Level 10: Mars

- Astronauts might visit Mars one day. Why would they need to take their own air?
- Where might astronauts look for water on Mars?
- Why does the Sun look smaller from Mars than from Earth?





SOLAR SYSTEM QUIZ - ANSWERS

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Levels 04-07: Score 2 points for each correct answer

Levels 08-10: Score 3 points for each correct answer

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Level 01: Easy starters

- The Sun
- Mercury
- Earth

Level 02: A little harder

- Jupiter
- Saturn
- Mars

Level 03: Name it

- Asteroid
- Jupiter
- Venus

Level 04: Questions about distances

- Mars
- Astronomical Unit
- Jupiter

Level 05: Moons

- 1
- Jupiter and Saturn
- Water (ice)





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Level 06: Comets

- Dust and ice
- Away from the Sun
- Elliptical (squashed circle)

Level 07: Earth

- Water
- Oxygen, methane
- Longer days and longer nights; therefore bigger temperature differences between night and day.

Level 08: Seasons

- 23.5 degrees
- Mars
- No – zero tilt

Level 09: Venus

- Atmosphere is thick with clouds and carbon dioxide
- Magellan
- Too hot, no water, poisonous atmosphere

Level 10: Mars

- No oxygen in thin atmosphere
- In crater shadows, polar ice caps, deep underground
- It's further away.

