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?
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 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?
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
- 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)
SOLAR SYSTEM QUIZ - ANSWERS

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 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.