Tween Trivia

Round 1 · Science lab · 10 questions



Tick one answer for each question.

Name or team _____

1 **What are the three states of matter we see every day?**

- ☐ **A** Hot, warm and cold
- ☐ **B** Solid, liquid and gas
- ☐ **C** Rock, water and air
- ☐ **D** Big, medium and small

2 **What is the force that slows things down when they rub together?**

- ☐ **A** Inertia
- ☐ **B** Friction
- ☐ **C** Magnetism
- ☐ **D** Gravity

3 **How many planets in our solar system have rings?**

- ☐ **A** 4
- ☐ **B** 8
- ☐ **C** 1
- ☐ **D** 2

4 **What is the name for any animal with a backbone?**

- ☐ **A** A vertebrate
- ☐ **B** An invertebrate
- ☐ **C** An arthropod
- ☐ **D** A mollusc

5 **What is the chemical symbol for oxygen?**

- ☐ **A** Og
- ☐ **B** Ox
- ☐ **C** Om
- ☐ **D** O

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6 **Which part of the eye controls how much light gets in?**

- [ ] **A** The lens
- [ ] **B** The retina
- [ ] **C** The iris
- [ ] **D** The eyelash

7 **What does a solar panel use to make electricity?**

- [ ] **A** Wind
- [ ] **B** Moving water
- [ ] **C** Sunlight
- [ ] **D** Heat from underground

8 **Which of these metals is attracted to a magnet?**

- [ ] **A** Copper
- [ ] **B** Iron
- [ ] **C** Aluminium
- [ ] **D** Gold

9 **What is usually the first link in a food chain?**

- [ ] **A** A fish
- [ ] **B** A lion
- [ ] **C** An eagle
- [ ] **D** A plant

10 **About how long does Earth take to travel once around the Sun?**

- [ ] **A** 7 days
- [ ] **B** 30 days
- [ ] **C** 24 hours
- [ ] **D** 365 days

Team answer sheet

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Write the letter of your team's answer. The host reveals each one.

Team _____

NO.	OUR ANSWER	RIGHT?
1		○
2		○
3		○
4		○
5		○
6		○
7		○
8		○
9		○
10		○

Round score ____

Answers & facts

Tween Trivia · Round 1 · Science lab · 10 questions



1. What are the three states of matter we see every day?
   B. Solid, liquid and gas
   Did you know? Plasma, found in lightning and stars, is often called the fourth state.

2. What is the force that slows things down when they rub together?
   B. Friction
   Did you know? Friction is why your hands get warm when you rub them together.

3. How many planets in our solar system have rings?
   A. 4
   Did you know? Saturn's rings are the brightest, but Jupiter, Uranus and Neptune have rings too.

4. What is the name for any animal with a backbone?
   A. A vertebrate
   Did you know? Worms, insects and jellyfish are invertebrates.

5. What is the chemical symbol for oxygen?
   D. O
   Did you know? Oxygen makes up about a fifth of the air we breathe.

6. Which part of the eye controls how much light gets in?
   C. The iris
   Did you know? The iris is the coloured ring around the pupil.

7. What does a solar panel use to make electricity?
   C. Sunlight
   Did you know? Solar panels turn sunlight straight into electricity.

8. Which of these metals is attracted to a magnet?
   B. Iron
   Did you know? Nickel and cobalt are attracted to magnets too.

9. What is usually the first link in a food chain?
   D. A plant
   Did you know? Plants are called producers because they make their own food.

10. About how long does Earth take to travel once around the Sun?
    D. 365 days
    Did you know? The extra quarter of a day each year is why we add 29 February in leap years.