

50 Science Trivia Questions for Kids

Plants, animals, space, the human body and earth science, with answers.

Name: _____ Date: _____

Space

1. Which planet is closest to the Sun?

2. What is the name of Earth's only natural satellite?

3. Which planet is famous for its beautiful rings?

4. What is the biggest planet in our solar system?

5. What do astronauts wear to survive in space?

6. Why does the Moon seem to shine at night?

7. Which planet do scientists send rovers to explore?

8. What is a shooting star really?

9. How long does it take Earth to go around the Sun once?

10. What is the name of our galaxy?

The Human Body

11. What organ do you use to think?

12. How many bones are in the adult human body?

13. What is the hard outer covering of your teeth called?

14. What do your lungs help you do?

15. Which body part never stops growing throughout your life?

16. What carries blood away from your heart?

17. How many senses do humans traditionally have, and can you name them?

18. What is the largest organ of the human body?

19. Why do you shiver when you're cold?

20. What is the strongest muscle in your body for its size?

Weather & Earth

21. What do we call scientists who study the weather?

22. What comes first — thunder or lightning?

23. What is the hottest layer-cake-coloured rock that erupts from volcanoes?

24. What instrument measures temperature?

25. What are the three main types of rock?

26. What do we call a huge spinning storm that forms over warm ocean water?

27. Which is the hottest continent on Earth?

28. What natural event makes the ground shake?

29. What is the water cycle's name for water falling from clouds?

30. Why is the sky blue?

Nature & Living Things

31. What is the process plants use to make food from sunlight?

32. What do bees move from flower to flower that helps plants make seeds?

33. What gas do plants give off that we need to breathe?

34. What do you call animals that are active at night?

35. What is the tallest type of tree on Earth?

36. What do frogs start life as?

37. What do you call an animal that eats both plants and meat?

38. Why do leaves change colour in autumn?

39. What is the largest living structure on Earth, found in the ocean near Australia?

40. How do fish breathe underwater?

Inventions & How Things Work (Hard Round)

41. Who invented the telephone?

42. What simple machine is a see-saw an example of?

43. What travels faster — light or sound?

44. What energy source comes from the Sun and powers solar panels?

45. Who developed the theory of relativity (and had famously wild hair)?

46. What metal is attracted to magnets?

47. What invention lets us see things that are very, very small?

48. What was the first animal to orbit the Earth?

49. What do windmills and wind turbines turn wind into?

50. Water is made of which two elements?

Answer Key

Space

1. Which planet is closest to the Sun? - Mercury.
2. What is the name of Earth's only natural satellite? - The Moon.
3. Which planet is famous for its beautiful rings? - Saturn.
4. What is the biggest planet in our solar system? - Jupiter — over 1,300 Earths could fit inside it.
5. What do astronauts wear to survive in space? - Spacesuits.
6. Why does the Moon seem to shine at night? - It reflects light from the Sun — it doesn't make its own light.
7. Which planet do scientists send rovers to explore? - Mars.
8. What is a shooting star really? - A meteor — a small piece of space rock burning up in Earth's atmosphere.
9. How long does it take Earth to go around the Sun once? - One year (about 365 days).
10. What is the name of our galaxy? - The Milky Way.

The Human Body

11. What organ do you use to think? - The brain.
12. How many bones are in the adult human body? - 206.
13. What is the hard outer covering of your teeth called? - Enamel — the hardest substance in your body.
14. What do your lungs help you do? - Breathe — they take in oxygen and let out carbon dioxide.
15. Which body part never stops growing throughout your life? - Your ears and nose keep changing shape (the cartilage keeps growing).
16. What carries blood away from your heart? - Arteries (veins carry it back).
17. How many senses do humans traditionally have, and can you name them? - Five — sight, hearing, smell, taste, and touch.
18. What is the largest organ of the human body? - The skin.
19. Why do you shiver when you're cold? - Your muscles shake quickly to create heat and warm you up.
20. What is the strongest muscle in your body for its size? - The masseter — your jaw muscle.

Weather & Earth

21. What do we call scientists who study the weather? - Meteorologists.
22. What comes first — thunder or lightning? - They happen at the same time, but you SEE lightning first because light travels faster than sound.
23. What is the hottest layer-cake-coloured rock that erupts from volcanoes? - Lava (it's called magma while it's still underground).
24. What instrument measures temperature? - A thermometer.

25. What are the three main types of rock? - Igneous, sedimentary, and metamorphic.
26. What do we call a huge spinning storm that forms over warm ocean water? - A hurricane (also called a typhoon or cyclone in other parts of the world).
27. Which is the hottest continent on Earth? - Africa.
28. What natural event makes the ground shake? - An earthquake.
29. What is the water cycle's name for water falling from clouds? - Precipitation — rain, snow, sleet, or hail.
30. Why is the sky blue? - Sunlight scatters when it hits the air, and blue light scatters the most — so the sky looks blue.

Nature & Living Things

31. What is the process plants use to make food from sunlight? - Photosynthesis.
32. What do bees move from flower to flower that helps plants make seeds? - Pollen — this is called pollination.
33. What gas do plants give off that we need to breathe? - Oxygen.
34. What do you call animals that are active at night? - Nocturnal animals.
35. What is the tallest type of tree on Earth? - The coast redwood — they can grow over 100 metres (330 feet) tall.
36. What do frogs start life as? - Tadpoles.
37. What do you call an animal that eats both plants and meat? - An omnivore.
38. Why do leaves change colour in autumn? - The green chlorophyll breaks down, revealing yellow and orange colours that were there all along.
39. What is the largest living structure on Earth, found in the ocean near Australia? - The Great Barrier Reef.
40. How do fish breathe underwater? - Through their gills, which take oxygen from the water.

Inventions & How Things Work (Hard Round)

41. Who invented the telephone? - Alexander Graham Bell.
42. What simple machine is a see-saw an example of? - A lever.
43. What travels faster — light or sound? - Light — almost a million times faster.
44. What energy source comes from the Sun and powers solar panels? - Solar energy.
45. Who developed the theory of relativity (and had famously wild hair)? - Albert Einstein.
46. What metal is attracted to magnets? - Iron (plus nickel and cobalt).
47. What invention lets us see things that are very, very small? - The microscope.
48. What was the first animal to orbit the Earth? - Laika, a dog, aboard Sputnik 2 in 1957.

49. What do windmills and wind turbines turn wind into? - Energy — old windmills ground grain; modern turbines make electricity.

50. Water is made of which two elements? - Hydrogen and oxygen — H_2O means two hydrogen atoms and one oxygen atom.