

## YEAR 6 SCIENCE SELF ASSESSMENT TEST



**“Test yourself or your child at home, and reach out to us only if you need extra help. Otherwise, give yourself or your child a pat on the back and best of luck for the future!”**

**Instructions:** Answer all questions. All questions are multiple-choice. Some questions require calculations. Calculators may be used where appropriate.

### Multiple Choice Questions (15)

1. Which feature is found in all living things?

- A. Wings
  - B. Roots
  - C. Cells
  - D. Bones
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2. Which material would be the best conductor of electricity?

- A. Rubber
  - B. Plastic
  - C. Copper
  - D. Wood
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3. What happens when a solid melts?

- A. It changes into a gas
  - B. It becomes a liquid
  - C. It forms a new substance
  - D. It disappears
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4. Which force pulls objects toward the centre of the Earth?

- A. Friction
  - B. Magnetism
  - C. Gravity
  - D. Air resistance
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5. Which of the following is a renewable energy source?

- A. Coal
  - B. Natural gas
  - C. Wind
  - D. Oil
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6. Which action would reduce friction the most?

- A. Making surfaces rougher
  - B. Adding oil between surfaces
  - C. Increasing the weight of the object
  - D. Pressing surfaces together harder
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7. Why do plants need sunlight?

- A. To absorb oxygen
  - B. To stay warm
  - C. To make their own food
  - D. To grow roots
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8. Which mixture can be separated by evaporation?

- A. Sand and iron filings
  - B. Oil and water
  - C. Salt dissolved in water
  - D. Rice and beans
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**9.** Which planet is closest to the Sun?

- A. Earth
  - B. Venus
  - C. Mercury
  - D. Mars
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**10.** Which statement about electricity is correct?

- A. Electricity only flows through insulators
  - B. A circuit must be complete for electricity to flow
  - C. Batteries store electrical energy directly
  - D. Electricity cannot produce heat
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**11.** Which adaptation helps animals survive in cold environments?

- A. Thin skin
  - B. Large ears
  - C. Thick fur or blubber
  - D. Bright colours
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**12.** Which type of change is reversible?

- A. Burning wood
  - B. Cooking food
  - C. Rusting metal
  - D. Freezing water
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**13.** Which statement best describes a scientific prediction?

- A. A random guess
  - B. A conclusion after an experiment
  - C. A testable statement based on observations
  - D. A personal opinion
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**14.** Why are fossils important to scientists?

- A. They show how rocks are formed
  - B. They explain weather patterns
  - C. They provide evidence of past life on Earth
  - D. They create new species
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**15.** Which action helps protect the environment?

- A. Leaving lights on when not needed
  - B. Using disposable plastic bags
  - C. Recycling materials
  - D. Wasting water
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**End of Worksheet**

*(Answer key available on request.)*