

Grade 4 Science Worksheet 6: Composition and Properties of Air

Name: _____

Date: _____

Question 1: Which of the following gases makes up the majority of the Earth's atmosphere?

- a) Oxygen
 - b) Nitrogen
 - c) Carbon dioxide
 - d) Argon
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Question 2: Which of the following is NOT a property of air?

- a) Air is a mixture of gases
 - b) Air can be compressed
 - c) Air is a solid substance
 - d) Air occupies space
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Question 3. How do we know air exists even though we can't see it?

- a) We can hear it
 - b) We can feel it when it moves
 - c) We can taste it
 - d) We can smell it
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Question 4: Which gas in the air is most important for photosynthesis?

- a) Oxygen
- b) Carbon dioxide

- c) Nitrogen
 - d) Argon
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Question 5: What is a key property of air that makes it essential for life on Earth?

- a) Air does not move.
 - b) Air contains gases that living things need to survive.
 - c) Air has a fixed weight.
 - d) Air is always warm.
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Bonus Question:

What is the role of nitrogen in the atmosphere?

- a) It supports breathing.
 - b) It helps regulate the temperature of the Earth.
 - c) It helps in growth in plants.
 - d) It absorbs sunlight.
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