

Grade 4 Science Worksheet 8: Composition and Properties of Air

Name: _____

Date: _____

Question 1: Which property of air explains why a deflated balloon becomes bigger when air is added?

- a) Air has color.
 - b) Air takes up space.
 - c) Air is invisible.
 - d) Air moves quickly.
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Question 2. Air is needed for which of the following processes?

- a) Respiration
 - b) Burning
 - c) Photosynthesis in plants
 - d) All of the above
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Question 3: Which gas in the air is necessary for burning to occur?

- a) Carbon dioxide
 - b) Nitrogen
 - c) Oxygen
 - d) Helium
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Question 4: Which gas is most abundant in the air?

- a) Oxygen
- b) Nitrogen
- c) Carbon dioxide
- d) Argon

Question 4: How do humans use oxygen in the air?

- a) To breathe and produce energy in the body.
 - b) To make food in their bodies.
 - c) To clean the air.
 - d) To give air its weight.
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Bonus Question:

Which of the following is true about air?

- a) Air does not have mass
 - b) Air is invisible and has no weight
 - c) Air can be compressed and expanded
 - d) Air cannot move or flow
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-BE THE CHAMPION!--