

## Grade 4 Science Worksheet 7: Composition and Properties of Air

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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**Question 1. Which of the following happens when air is compressed?**

- a) It becomes colder
  - b) It takes up less space
  - c) It expands
  - d) It stops moving
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**Question 2. Why can air be considered a mixture?**

- a) It has only one type of molecule
  - b) It has different gases that mix together
  - c) It only contains nitrogen
  - d) It never changes
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**Question 3. Which of these objects needs air to survive?**

- a) A stone
  - b) A plant
  - c) A chair
  - d) A pencil
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**Question 4. Air is needed for:**

- a) Breathing
- b) Plants to grow
- c) Burning
- d) All of the above

**Question 5: Which of these gases in the air helps plants make food?**

- a) Oxygen
  - b) Carbon dioxide
  - c) Helium
  - d) Nitrogen
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**Bonus Question:**

**What would happen if all the oxygen disappeared from the air?**

- a) Buildings will fall.
  - b) Humans and animals could not breathe and would not survive.
  - c) The air would feel lighter.
  - d) Rain would stop completely.
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**--BE THE CHAMPION!--**