

Exploring Gases: Filling Available Space

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3rd Grade Science Review

Name: _____

Date: _____

Answer the following questions based on what we learned about gases in class.

1. What do gases do in a container?

- A. Stay in one place
- B. Expand to fill it
- C. Change color

2. Gases have no fixed ____ and can expand to fill their container.

3. What is one way gases are different from solids and liquids?

4. Draw a line from each gas example to its description.

Air

A gas we can't see but can feel

Helium

A gas used to fill balloons

5. What did we learn about how gases behave?

- A. They are always cold
- B. They take up no space
- C. They expand to fill their container

6. Just like God fills heaven and earth, gases fill their ____ .

7. What do you think is inside a balloon before we blow it up?

8. Gases can be seen with our eyes.

True

False

9. Which of these is an example of a gas?

- A. Water
- B. Sand
- C. Oxygen

10. How does air behave when you blow up a balloon?

Answer Key

1. Expand to fill it 2. shape 3. Gases can expand to fill their container, while solids and liquids have a fixed shape. 4. A gas we can't see but can feel 5. They expand to fill their container 6. container 7. I think there is air inside the balloon, which is a gas. 8. False 9. Oxygen 10. Air fills the balloon and makes it expand. It takes the shape of the balloon.