

Solids, Liquids, and Gases Introduction

READ ALOUD PASSAGE

Almost everything you can touch is matter, and the matter we see every day comes in one of three forms: solid, liquid, or gas. You can tell which one something is by watching how it behaves.

Solids hold their shape on their own. A rock, a book, and an apple are all solids. You do not need to put them in a container to keep their shape.

Liquids flow and take the shape of whatever container they are poured into. Water, juice, and honey are all liquids. If you pour water into a tall skinny cup, it becomes tall and skinny. Pour it into a wide bowl, and it spreads out wide. The amount of liquid stays the same, but its shape changes.

Gases expand to fill up whatever space they are in. Air is a gas. You cannot see most gases, but they are real. When you blow up a balloon, the air inside fills every corner of the balloon.

Some things can look like they are flowing. Think about a pile of sand, salt, or sugar. These look like they're flowing, but they're actually a solid. Each tiny grain holds its shape on its own. The pile only seems to flow because the grains slide past one another.

Activity 1: Word Hunt

Look back at the reading. Find four nouns and write them on the lines.

1. _____
2. _____
3. _____
4. _____

Activity 2: Because, But, So

Finish the sentence two ways. After because, tell why. After but, tell something different or surprising.

The juice spread out **because**

The juice spread out, **but**

Activity 3: Statement or Question?

Read each sentence. Write S if it is a statement or Q if it is a question. Then add the correct end mark on the line.

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1. A rock is a solid ____

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2. Is honey a liquid ____

☐

3. Air fills every corner of the balloon ____

☐

4. Can you see most gases ____

Activity 4: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. shape / solids / own / hold / their

2. liquids / honey / water, / are / juice, / all / and

3. gas / is / a / air
