

Solids, Liquids, and Gases Introduction

READ ALOUD PASSAGE

Everything around us is matter, and all matter 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 spread out and 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, like a pile of sand, but sand is actually a solid. Each tiny grain holds its shape on its own.

Activity 1

Fill in the blank with the correct word from the word box.

WORD BOX

solid liquid gas shape container

1. A _____ holds its own shape without a container.
 2. A _____ takes the shape of whatever it is poured into.
 3. A _____ spreads out to fill any space.
 4. Liquids flow and change their _____, but not their amount.
 5. Air is a type of _____.
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Activity 2

Each group of words is a fragment. Add what is missing to make a complete sentence.

1. flows into any container

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2. solid like a rock

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Activity 3

Combine the short sentences below into one smooth sentence.

1. · Water is a liquid.
 · It flows and takes the shape of its container.

Combined sentence:

2. · Sand looks like it flows.
 · Each grain of sand is actually a solid.

Combined sentence:

Activity 4

Each sentence below is a run-on. Rewrite it correctly.

1. A solid holds its own shape a liquid flows and takes the shape of its container.

Correction:

2. Gases spread out and fill any space they are in you cannot hold a gas in your hands.

Correction:
