

Lesson 1 • What are solids, liquids, and gases?

1 What can you see in the photo? Look, circle, and write.

solidtrg states of matterltuliquidgmy gas

1 solid

2

3

4 Solids, liquids, and gases
are all _____.



2 Solid, liquid, or gas? Read the text and underline words for each. Then write. The photo in 1 can help you.

Fly in a hot air balloon!

See the beautiful hills, lakes, and rivers of Derbyshire and the Peak District.

We fly every day one hour after sunrise and two hours before sunset.

When there's a lot of rain, we cannot fly.

We fly for one hour. There's lots of time to take photos. So bring your camera!

We fly low so we don't carry oxygen.

Anyone can fly with us, but you need to be over 1.35 m tall to be able to see.

Call **0741 797265** for more information.

Solid

hot air balloon

Liquid

Gas

3 Solids, liquids, and gases. Read and write *always* or *never*.

A solid (1) always keeps its own size and shape. Solids (2) _____ take up space and have weight.

A liquid (3) _____ has its own shape. Liquids (4) _____ take the shape of their containers.

Gas (5) _____ has its own size or shape. Gas (6) _____ takes the size and shape of its container. It (7) _____ takes up all of the space inside the container.

Grammar Tip

It **always** keeps the same size and shape.
Gas **never** has its own size and shape.



4 Size and shape. Look at 3 and complete the table with *always* or *never*.

	Keeps Its Own Shape	Keeps Its Own Size	Takes the Shape of Its Container, e.g. bowl, cup, etc.
Solid	<u>always</u>		
Liquid		<u>always</u>	
Gas			

5 The three states of matter. Think of examples. Write.

1 A _____ is a _____. It _____.

2 A _____ is a _____. It _____.

3 _____ is a _____. It _____.