

Blizzard Bag Science Day 3

Read the below information to your learner. If at all possible, demonstrate the states of matter to give your learner a visual.

What is Matter?

Anything that takes up space is called matter. Air, water, rocks and even people are examples of matter.

Matter exists in several different forms, called states. The three most familiar states are solid, liquid and gas.

Rocks, books, desks and balls are examples of **solids**. Matter in the solid state has a set size and shape, and the size and shape do not change easily. For example, when a person moves a book from a smaller to a bigger box, the book looks the same.

Milk, orange juice and water are examples of **liquids**. In the liquid state, matter has a set size, or amount, but its shape varies depending on its container. For example, milk changes shape when a person pours it from a carton into a glass, but the amount of milk stays the same.

The air and the helium used to fill balloons are examples of **gases**. Matter in the gaseous state does not have either a set size or a set shape. It can expand to fill a large container, or it can be squeezed into a smaller container.

Now take your learner on a “states of matter” scavenger hunt around your home. Help them fill in the chart on the next page. Find as many examples of matter that you can.

Name _____

Blizzard Bag Science Day 3

States of Matter Scavenger Hunt!

With your parent, find objects in your home that may be a solid, liquid, or gas. Fill in the chart when you find them. Have fun!

<u>Solid</u>	<u>Liquid</u>	<u>Gas</u>
1)	1)	1)
2)	2)	2)
3)	3)	3)
4)	4)	4)
5)	5)	5)