

Matter and materials

Name: _____

Solid:

Think of a rock or go and find a rock and answer the following questions:

1. Can you touch the rock? _____
2. Can you feel the rock? _____
3. Can you see the rock? _____
4. Can the rock break easily? _____
5. Can you put a finger through it? _____
6. Does it change shape when you put it in a glass? _____
7. Is the shape of the rock fixed or does it stay the same? _____



A substance in solid form will stay in a fixed shape and will take up definite space.

Liquid:

Think of water and answer the following questions:

1. What did the water smell like? _____
2. Was your hand wet or dry after touching the water? _____
3. Did the shape of the liquid change when you poured it into a glass? _____
4. What happened to the water when you left it in a warm place? _____

A substance in liquid form can flow, it has no fixed shape and it takes up the shape of the container it is in.

Gas:

Think of a balloon when it has air inside and answer the following questions:

1. Can you form the balloon into different shapes? _____
2. When all the air is let out of the balloon, can you smell the air? _____
3. Can you touch the air? _____
4. Can you see the air? _____

A substance in gas form can flow, it takes up all the space available and it has no definite shape.