Name Date

# ***SOLIDS, LIQUIDS AND GASES***

1. Takes the shape of the container it is poured into.
2. Keeps its own shape
3. Flows easily along a pipe
4. Will not flow along a pipe
5. Turns into a liquid when it melts
6. Turns into a gas when it boils
7. Spreads out in all directions to fill a space
8. Can be easily compressed
9. Cannot be easily compressed
10. Turns into a solid when it freezes

* Can you put the sentences into the correct columns? Some sentences go in more than one column.

|  |  |  |
| --- | --- | --- |
| SOLID | LIQUID | GAS |
|  |  |  |

* Add some sentences of your own.

Name Date



# Solids, Liquids and Gases

All things are made from . All materials are found as a , a or a . These are called .

materials space states solid liquid gas

spread physical states of matter pattern particles tightly

force pour shape further apart

## Solids are made of , which are packed together very tightly in a .

## Solids keep their shape unless a is applied to them.

Liquids are made of that are not packed as as those in a and can move more quickly.

Liquids and take the of the container.

Gases are made of particles, which are not packed as tightly as those in a liquid and are .

Gases cannot usually be seen. They out to fill the around them.

These are some examples of .

|  |  |  |
| --- | --- | --- |
| SOLID | LIQUID | GAS |
| *wood* | *water* | *helium* |

These are some examples of objects that exist in different .

|  |  |  |
| --- | --- | --- |
| SOLID | LIQUID | GAS |
| *pencil* | *paint* | *inside lemonade* |

SAILBOAT

How does air help to make this work?

What would happen if these items were on the moon?

* HOT AIR BALLOON

How does air help to make this work?

What would happen if these items were on the moon?

* CAR TYRE

How does air help to make this work?

What would happen if these items were on the moon?

* AEROPLANE

How does air help to make this work?

What would happen if these items were on the moon?

* KITE

How does air help to make this work?

What would happen if these items were on the moon?

* WINDMILL

How does air help to make this work?

What would happen if these items were on the moon?