

# STATES OF MATTER

## *definitions*

**matter**

Matter is anything that takes up space and weighs something.

**solid**

A solid is something that is firm and stable. It does not take the shape of a container. Atoms are tightly packed.

**liquid**

Liquid is something that not firm or stable. It takes the shape of a container. Atoms are free-flowing.

**gas**

Gas fills available space and is not often seen. Atoms move freely.

**condensation**

Condensation is when gas changes to liquid.

**evaporation**

Evaporation is when liquid changes to a gas.

**atoms**

Atoms are the smallest particle something can be broken down into.

Name:

Class:

Date:

Teacher:

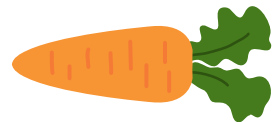
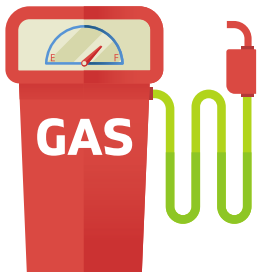
# STATES OF MATTER

Cut out the pictures below and paste into their correct column.

**Solid**

**Liquid**

**Gas**



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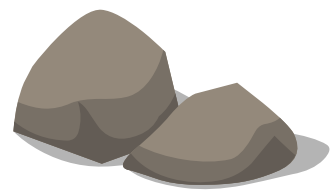
# STATES OF MATTER

Draw a line to match each item to the correct state of matter:

**Solid**



**Liquid**



**Gas**



Name:

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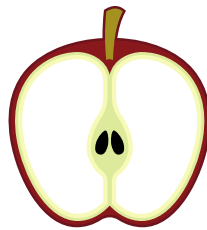
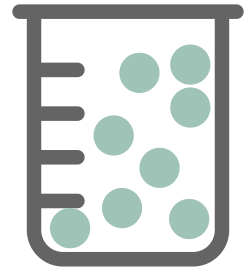
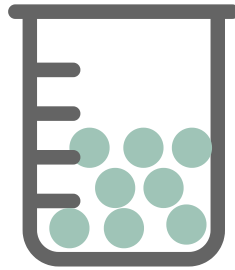
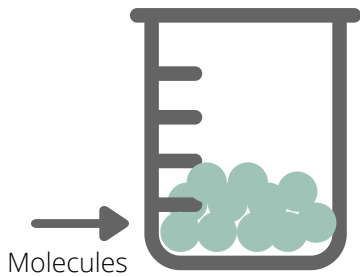
Date:

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# STATES OF MATTER

Name the three states of matter in the boxes below:

Label each pictures below as one of the three states of matter listed above:



Name a solid and describe what happens to it when heated:

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Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

# STATES OF MATTER

Complete the following sentences using the correct state of matter:

Solid

Liquid

Gas



The balloons are filled with \_\_\_\_\_



Rain is a \_\_\_\_\_



Smoke is a \_\_\_\_\_



The books are a \_\_\_\_\_



The steam is a \_\_\_\_\_



The tea is a \_\_\_\_\_

The mug is a \_\_\_\_\_

Name:

Class:

Date:

Teacher:

# STATES OF MATTER

Use scientific terms to explain how ice matter changes if you put a block of ice into a pot over heat.



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Use scientific terms to explain how water matter changes if you water your grass at night, and overnight the temperature falls to freezing:

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