

Lesson intention: For students to be able to identify what makes something a solid, liquid or a gas and how it can change from one state of matter to another.

Curriculum:

A change of state between solid and liquid can be caused by adding or removing heat ACSSU046

Lesson overview

Students will identify what it means for something to be a solid, liquid or gas. From here, students will investigate how some objects can change from one state of matter to another. As an extension, students will investigate and brainstorm ideas on what objects might be able to change states of matter and return back to its original state and which ones cannot.

Success criteria

- Students are able to identify the properties of a solid
- Students are able to identify the properties of a liquid
- Students are able to identify the properties of a gas.
- Students are able to determine the change of state between states of matter by adding heat.
- Students are able to determine the change of state between states of matter by removing heat.

Extension

- Students are able to identify reversible and irreversible changes of states of matter.

Modification students:

XXXXXXXX

XXXXXXXXXX

XXXXXXXXXX

Write down and quote what student says.

Xxxx

XXXXXX

XXXXXX

1. Draw 3 things in the classroom that are a liquid, gas and a solid.



2. Explain what a:

Gas

is: _____

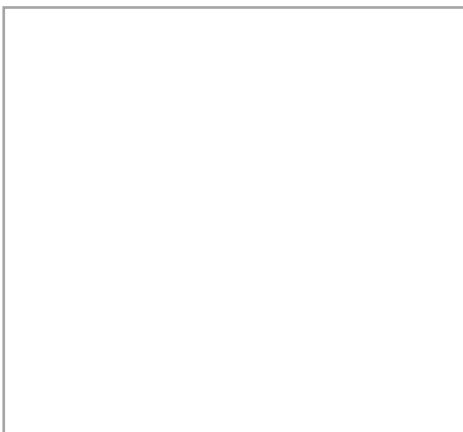
Solid

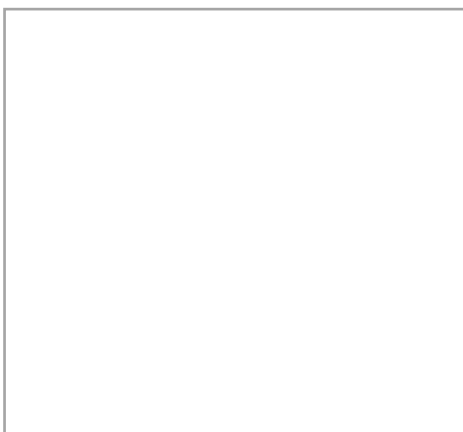
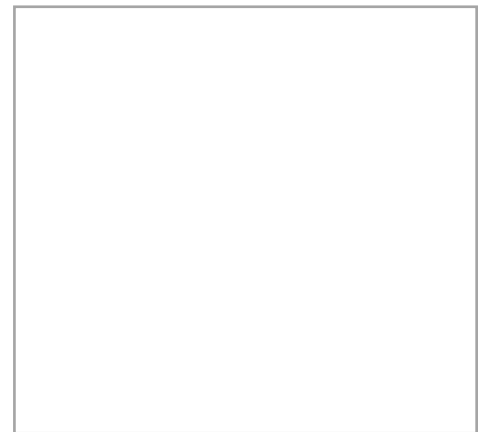
is: _____

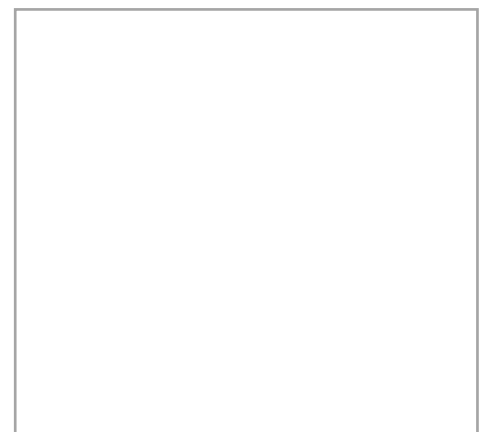
Liquid

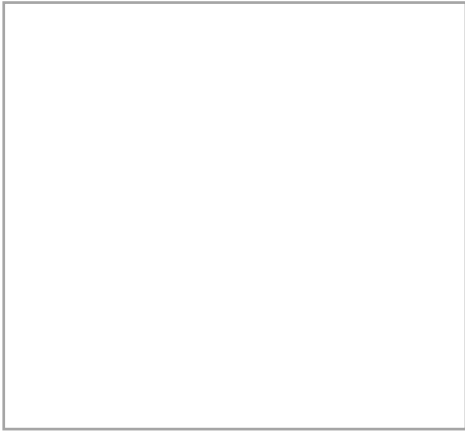
is: _____

3. Pick out 5 items that your teacher has placed out for you and tell me what happens when you add heat or remove heat. Draw what will happen to the object.

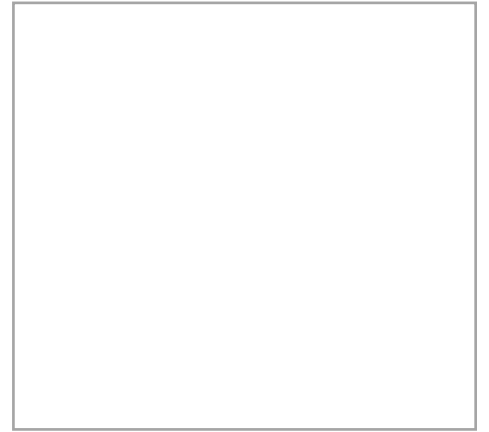








Five horizontal blue lines for writing.



Five horizontal blue lines for writing.



Five horizontal blue lines for writing.

