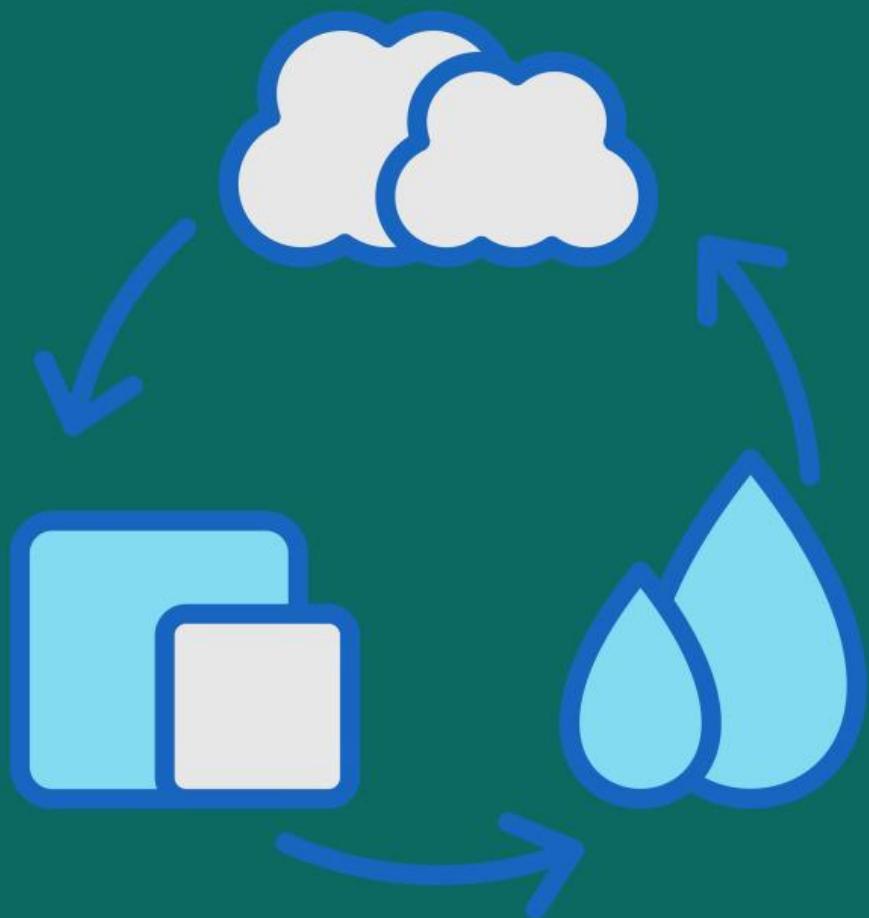




# E-LKPD

## STATE OF MATTER



Nama: \_\_\_\_\_

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

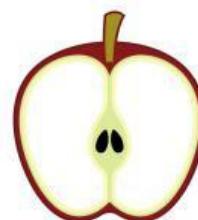
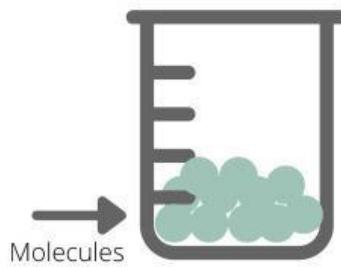


Name: \_\_\_\_\_ Class: \_\_\_\_\_

# 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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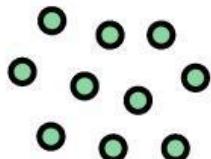
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# STATES OF MATTER

Solid    Liquid    Gas

Write the state of matter that matches the molecules in the images below:

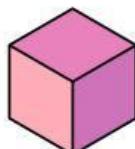


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Write the state of matter that correctly corresponds to the images below:



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Write the state of matter that correctly corresponds to the descriptions below

- not rigid
- not a fixed shape
- fixed volume

- rigid
- fixed shape
- fixed volume

- not rigid
- not a fixed shape
- no fixed volume

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Draw an example of each state of matter in the boxes below. Different than the samples above.

Solid

Liquid

Gas



# STATES OF MATTER



Draw examples of materials for different states of matter. Explain how each state is different.

Solid

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---

---

---

Liquid

---

---

---

---

Gas

---

---

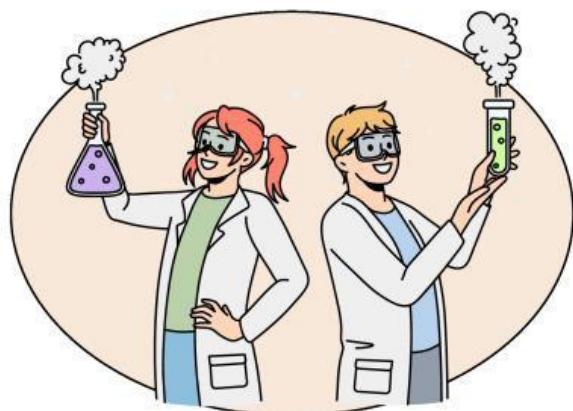
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# THREE STATES OF MATTER

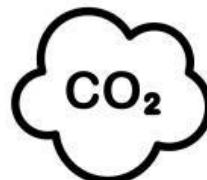
**Directions: Provide the correct answer that completes each sentence.**



Question	Answer
Solids, liquids, and gases are the three main _____ of matter.	
In a _____ state, particles are tightly packed together and have a fixed shape.	
A _____ takes the shape of its container and flows easily.	
In a _____ state, particles move freely and fill the entire container.	
The process of changing from a liquid to a gas is called _____.	
The change from a gas to a liquid is called _____.	
The change from a solid to a liquid is called _____.	
The change from a liquid to a solid is called _____.	
When a substance changes directly from a solid to a gas without becoming a liquid first, it is called _____.	
The temperature at which a substance changes from a liquid to a gas is called the _____.	

# Find-a-word

## STATES OF MATTER



S	O	L	I	D	S	I	N	S	Q	S
C	O	O	L	I	N	G	M	N	Y	D
E	R	A	R	G	M	F	P	B	F	I
A	G	I	M	A	A	O	E	T	U	U
D	A	R	T	S	T	S	A	N	N	Q
E	S	E	A	S	T	A	T	E	I	I
T	E	A	W	Q	E	I	E	M	W	L
L	S	T	A	O	R	L	U	I	I	O
E	L	E	Z	G	N	I	T	A	E	H
M	S	E	L	C	I	T	R	A	P	P
A	T	O	M	S	E	G	N	A	H	C

**Instructions:** Find the underlined words in the above find-a-word:

Everything – including you – is made of matter. Matter is made up of tiny particles called atoms. On earth, matter comes in three forms: solids, liquids and gases. Through heating and cooling, matter can change its state. Ice is a solid, but when it is melted, it becomes a liquid (water). Heating liquid turns it into a gas (water vapour).

# CHANGING STATES OF MATTER

Look at the picture below and complete the sentences with the words in the box.



solid / liquid / melting / freezing

When you heat chocolate, it becomes a ..... you can drink it. ..... occurs when a solid is heated and turns into a liquid. When you cool the melted chocolate, it becomes a ..... again, you can eat it. ..... occurs when a liquid is cooled and turns into a solid.