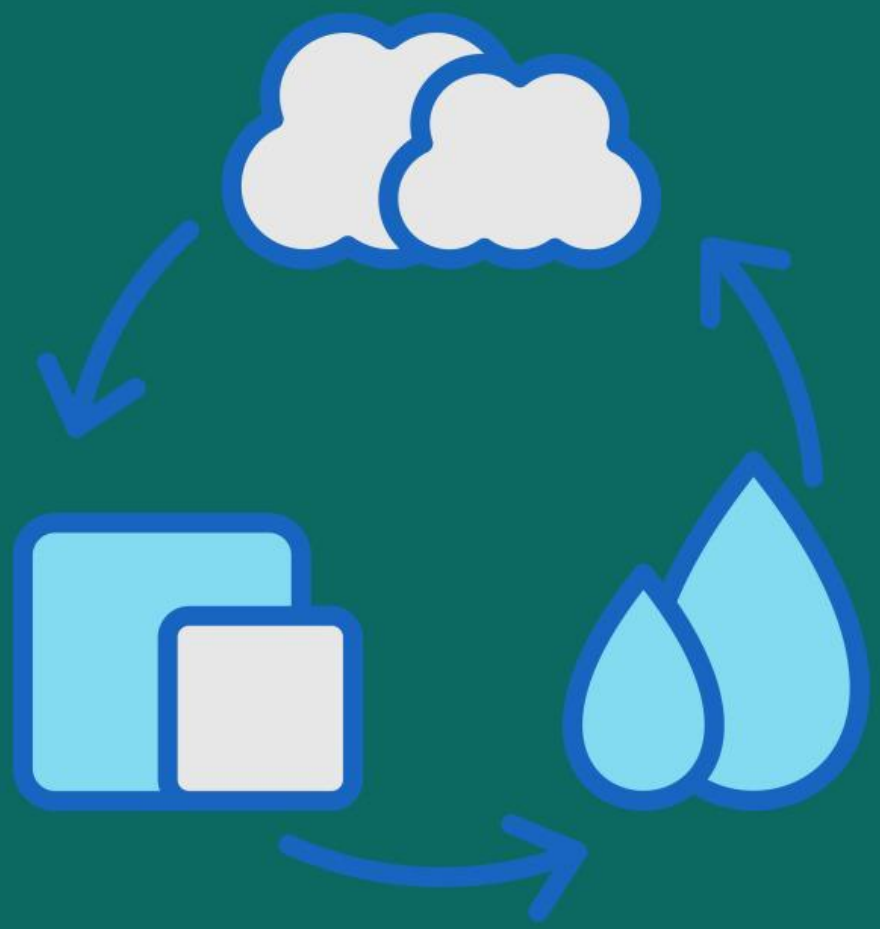
E-LKPD

STATE OF MATTER



Nama: _____

Class:_____

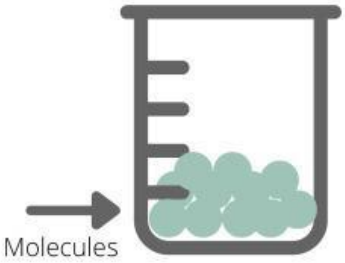
LIVEWORKSHEETS

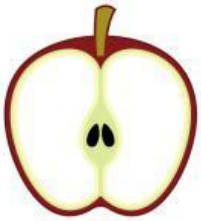
Name: _____ Class: _____

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:

_____

_____

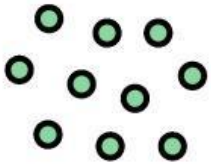
_____

LIVEWORKSHEETS

STATES OF MATTER

Solid Liquid Gas

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



_____ _____ _____

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

_____ _____ _____

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**

_____

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

Solid	Liquid	Gas

LIVEWORKSHEETS

STATES OF MATTER

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

Solid

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 _____.	

LIVEWORKSHEETS

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

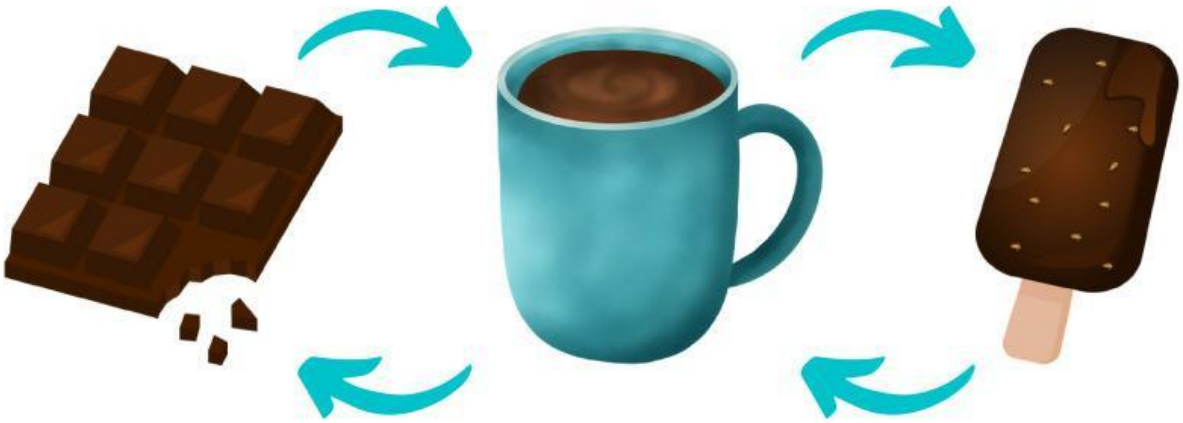
Instructions: Find the underlined words in the above find-a-word:

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

LIVEWORKSHEETS

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.

LIVEWORKSHEETS