

Name: \_\_\_\_\_ Grade: IV Branch: \_\_\_\_\_ Date: 02/05/20

## Subject: Science

### Topic: Change of Matter

**Definition:** Matter can change its form, when they undergo heating or cooling.

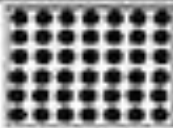



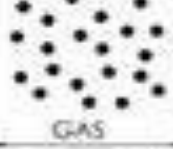



#### I. Unscramble and define the words of the following:

a) u e t o l s:

b) u l t n o s i o:

c) n e v o s l t:

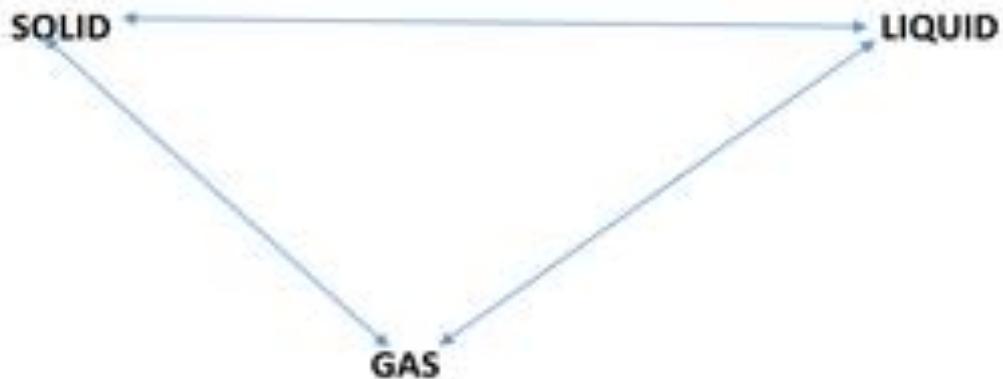
#### II. State the matter with an example:

STATE	ADD	NEW STATE	EXAMPLE
 SOLID	 + HEAT =		
 LIQUID	 + HEAT =		
 GAS	 + COLD =		
 LIQUID	 + COLD =		

III.

**CHANGE OF STATE WORKSHEET**

1. Use the diagram below to answer the following questions on change of state:



Name the change of state of matter from:

- a. Solid to liquid \_\_\_\_\_
- b. Liquid to solid \_\_\_\_\_
- c. Liquid to gas \_\_\_\_\_
- d. Gas to liquid \_\_\_\_\_
- e. Solid to gas \_\_\_\_\_
- f. Gas to solid \_\_\_\_\_

2. Show how particles are arranged in the following states:

SOLID



LIQUID







GAS



IV.

## SOLUTIONS SORT

SOLVENT	+	SOLUTE	=	SOLUTION
The liquid in which a solute is dissolved to form a solution.	+	The smaller component that changes its state in forming the solution.	=	Made of 2 or more substances mixed together.
	+		=	 LEMONADE
	+		=	 SWEET TEA
	+		=	 CHOCOLATE MILK
	+		=	 JELLO