Colegio Metropolitano
Sixth grade ENCINO PINO SAUCE
Science
Miss Alisson Coronado

Knowledge Check No. 1

Name: _____ Code: _____

III UNIT – Date: _____

Contents to evaluate: states of matter, changes of state of matter

Part 1 (2 point each=10 points)
Instructions: Choose the state that represents each property below.

Property	State of Matter			
Particles lose electrons due to energy upon them.	Solid	Liquid	Gas	Plasma
Flow, with fixed volume	Solid	Liquid	Gas	Plasma
Particles are tightly packed together.	Solid	Liquid	Gas	Plasma
Particles are separated	Solid	Liquid	Gas	Plasma
Releases light and/or heat.	Solid	Liquid	Gas	Plasma

Part 2 (1 point each=12 points)
Instructions: Put the following materials and objects into the column of their natural state of matter. The missing spaces write FREE.

Smell of popcorn	Sun corona	Chicken	Blood
Saliva	Thunderlight	Bad breath	Ice tea
Sunflowers	Aurora borealis	Hydrogen	Sand

Solid	Liquid	Gas	Plasma

LIVEWORKSHEETS

Part 3 (10 points each=30 points)
Instructions: Choose 3 activities from the tic tac toe below. They must be in line. Solve them on the spaces provided.

Describe in words an experiment mentioning any change in state of matter.	Write 5 examples of solid, liquid and gas.	Draw a diagram to explain how particles are in 2 states of matter (you can choose out of 4).
Illustrate a diagram explain the different changes in states of matter.	Complete a table comparing liquids and solids. (2 aspects)	Imagine you are constructing a quiz. Write 3 questions you would use in it, and answer them.
Write 5 examples of plasma.	Explain how is plasma created.	Explain the difference between gas and plasma.

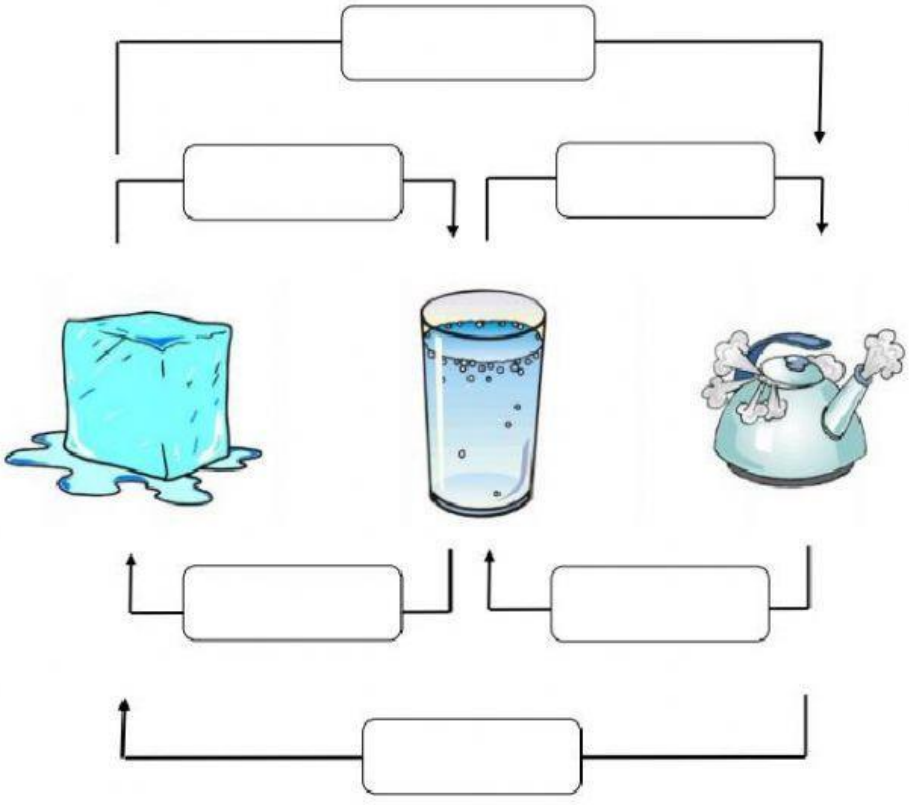
1	2	3

LIVEWORKSHEETS

Part 4 (2 points each= 12 points)
Instructions: Check **(√)** whether each of the following substances are classified as **solid, liquid, gas or plasma** on the chart below.

Substance	Solid	Liquid	Gas	Plasma
1. Sun				
2. Smell of baked cookies				
3. Neon				
4. Gasoline				
5. Lightning				
6. Mercury				

Part 4 (3 points each=18 points)
Instructions: Label the diagram showing the changing states of matter.



MELTING

FREEZING

VAPORIZATION

CONDENSATION

SUBLIMATION

DEPOSITION

LIVEWORKSHEETS

Part 5 (3 points each=18 points)
Instructions: Identify the following changes of state by writing the correct event in each space provided.

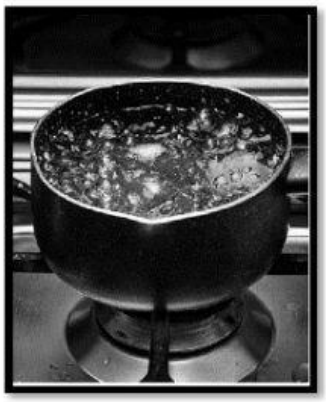












LIVEWORKSHEETS