



# INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF EVS [2022 – 2023]

LESSON: **THINGS AROUND US**

WORKSHEET

RESOURCE PERSON: Mrs. SOUMYA L S NAIR

NAME: \_\_\_\_\_ CLASS: IV SEC: \_\_\_\_\_ DATE: \_\_\_\_\_

## I Circle the correct answer:

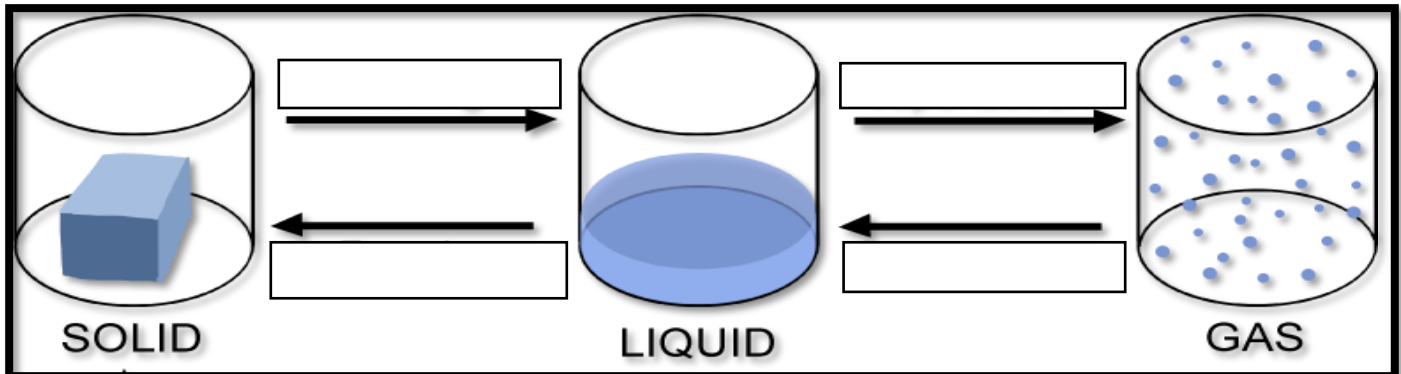
1. Among the following which matter does not change shape when they are moved?

- a. solids
- b. liquids
- c. gases

2. What changes shape when they are poured?

- a. solids
- b. liquids
- c. gases

## II Write the changing states of matter of water in the box given in diagram states of matter.



**Q III** When a solid is dissolved in a liquid, it forms a solution. Which of the following substances, when mixed with water would make a solution. Circle the substances that would make a solution.

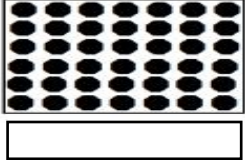

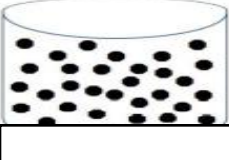

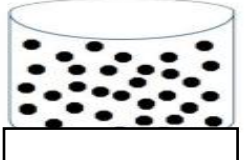

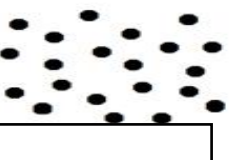

- a) coffee
- b) sand
- c) salt
- d) pasta
- e) sugar
- e) rice

**Q IV** Match each description on the left with the correct change of state on the right.

	Description		Change of state
1	Clothes are left out to dry	A	Melting
2	A cold drink is wet on the outside of the glass	B	Freezing
3	Ice is left out on the counter	C	Evaporation
4	Water is left in a freezer	D	Condensation

Answer : 1 \_\_\_\_\_ , 2 \_\_\_\_\_ , 3 \_\_\_\_\_ , 4 \_\_\_\_\_

**Q V** Observe the pictures given below and fill in the boxes with suitable answers.

STATE	CHANGE	NEW STATE	EXAMPLE
			
			

**Q VI** State whether the following statements are TRUE or FALSE.

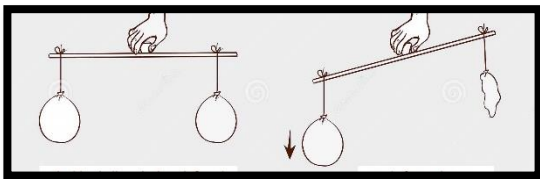
1. Evaporation is a physical change. - \_\_\_\_\_.
2. Change in size and shape of pieces of wood would be a chemical change.- \_\_\_\_\_.
3. When ice cream melts, a chemical change occurs. - \_\_\_\_\_.
4. Sand being washed out to sea from the beach is a chemical change.- \_\_\_\_\_.
5. Breaking up concrete is a physical change . - \_\_\_\_\_.
6. In a fireworks show, the fireworks explode giving off heat and light is a chemical change . \_\_\_\_.

**Q VII** Complete the following statements using the words from the help box below.

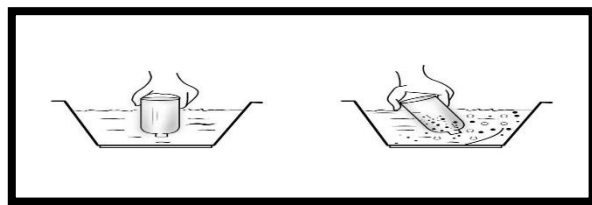
condensation, solution, solvent, matter, volume, evaporation, freezing

1. When a solute is dissolved in a solvent we get a \_\_\_\_\_.
2. \_\_\_\_\_ is a liquid into which a solute is dissolved.
3. Anything that has mass and occupies space is called \_\_\_\_\_.
4. \_\_\_\_\_ is a process by which gas changes back into a liquid.
5. \_\_\_\_\_ is a process by which liquid change into a solid.

**VIII** Observe the pictures of the experiments given below and write what each experiment proves.



a. \_\_\_\_\_



b. \_\_\_\_\_

