## ST. THOMAS SCHOOL, LONI

## SUBJECT ENRICHMENT ACTITVITY

**SUB: SCIENCE** 

CLASS- VI-\_\_\_\_

Note: Date of submission is 01/10/2019

Attach the given sheet in your portfolio.

Perform the experiment and write the conclusion.

**Density:** The density of an object is a measure if how closely or tightly packed the object is. It is defined as an object's mass per unit volume. Objects with high density have less empty space in them and are heavier in weight than objects which are less dense. Therefore, objects with less density float on objects with high density.

**Experiment:** Density and weight of a substance.

 $\underline{\textit{Objective}}$ : This experiment demonstrates that substances with high density are heavier than

substances with low density.

## Things Required:

- 1. 2 balloons
- 2. 2 large jars
- 3. Cold water
- 4. Hot water
- 5. Strings

## **Process:**

- 1. Fill the two balloons with cold water and tie them securely with pieces of strings.
- 2. Fill one jar with hot water. You can take the help of an adult to boil water in a kettle and por into the jar.
- 3. Fill the other jar half with cold water.
- 4. Put one water-filled balloon in each jar and observe

Conclusion: What do you notice?		