

1075 LOVU SANGAM SCHOOL

SUBJECTS: ELEMENTARY SCIENCE

YEAR: 6

SOLUTION: 1

STRAND	Matter
SUB – STRAND	Investigating Matter
CONTENT LEARNING OUTCOME	Measuring temperature, volume and of objects Explore means of changing the 3 states of matter.

Complete the table

Types of water	Temperature (Rise/Fall)
1. Ice water	Fall
2. Hot	Rise
3. Boiling tea	Rise

1. Volume of Object = Final water mark – Initial water
= 70 - 65
= 5ml

2. 5cm³

Complete the table

Objects	Volume in ml	Volume in cm ³
Stone	30ml	30cm ³
Rubber	23ml	23cm ³
Watch	85ml	85cm ³

Definition

Melting	Is the process where solid changes into liquid when the heat is applied. Example, ice (solid) when heated it changes into water (liquid).
Freezing	Is opposite of melting. It is the process where the liquid (water) cools and forms into solid (water).
Condensation	Is the process when the gas (steam/water vapour) cools and forms into liquid (water droplets). Example, after boiling tea the steam sets under the lid when it cools it forms into water droplets.
Sublimation	Is the process where solid changes into a gas. Example, ice turns into fog or steam without melting.
Vaporization	Is also known as evaporation. Is the process when the liquid (water) is heated, it forms into gas (steam, water vapour).
Reverse sublimation	Is also known as deposition. It is the process where gas changes into solid.

