

YEAR 9 – CHEMISTRY (GCSE)

WEEK 2 (6th Sept to 10th September)

Work Sent to the students through Group email/ Google classroom

Unit SC1a – States of Matter

Lesson Objective: Describe the arrangement, movement and the relative energy of particles in each of the three states of matter: solid, liquid and gas and explain how it changes during change of state. Predict the physical state of a substance under specified conditions with a given suitable data

Resources: Text book, Worksheet, IGCSE science free lesson video, power point.

| Date | Lesson | Learning outcome | Mode of Teaching | |
|--|--------|--|------------------|--|
| 6 th Sept. Sunday (girls) | 6 | Compare the arrangement of particles in solid, liquid and gas using a diagram. | Zoom | Teacher uses powerpoint presentation that contains interactive questions. |
| 7 th Sept. Monday (boys) | 7 | Compare and explain the movement and relative energy of particles in solid, liquid and gaseous state. | | |
| 7 th Sept. Monday (girls) | 5 | Identify the physical changes such as melting, evaporation, condensation sublimation and deposition between the three states of matter. | Zoom | Teacher uses powerpoint presentation that contains interactive questions. |
| 7 th Sept. Monday (boys) | 8 | Compare and explain the changes in arrangement, movement and energy in particles during the interconversions | | |
| 7 th Sept. Monday (girls) | 6 | Use suitable data like melting & boiling points to predict and identify whether the substance is in the solid, liquid or gaseous state. | GC | Teacher uses worksheet that contains interactive questions which is uploaded in the GC |
| 9 th Sept. Wednesday – (boys) | 1 | Identify the state of a substance through interpretation of graph. | | |