YEAR 10 A- F (GCSE) – PHYSICS

WEEK 9 (17th May to 21st May)

Work Sent to the students through Group email/ Google classroom

Topic : Specific heat capacity

Resources: Text book, Worksheet file, power point presentation, Google form

Date	Class	Lesson	Lesson objectives & Success criteria	Mode of Teaching
17th May Sunday 19th May Tuesday	10 Girls 10 boys	1 6	**L.O**-Use the given worksheet to solve questions on shc **Success criteria** *Recall the equation for specific heat capacity* *~~A~~pply the equation to find the unknown variables in numerical problems.*	**GC**
17th May Sunday 20th May Wednesday	10 Girls 10 boys	2 7	**L.O-** Discuss the questions on specific heat capacity solved in the worksheet **Success criteria** *Identify and evaluate their understanding of the concepts on how energy gained is utilized by a material*	**Zoom**
19th May Tuesday 20th May Wednesday	10 Girls 10 boys	5 8	**L.O:** Reinforce the concepts of density and specific heat capacity **Success criteria** *Calculate the density of different materials.* *Rearrange the subject of the formula for shc to solve for the unknown.*	**Zoom**
20th May Wednesday 21st May Thursday	10 Girls 10 boys	1 3	**L.O-Assessment (15 marks)** **Learning Outcome:** *Students will demonstrate understanding of density and specific capacity learnt*	**Zoom**

YEAR 10 G /H (IGCSE)- PHYSICS

WEEK 9 (17th May to 21st May)
Work sent to the students through Google classroom
Topic: Unit 5.18 Density and pressure

Lesson Objective: Explain Upthrust

Resources: Text book, Worksheet file, interactive power point and online simulations.

Date	Class	Lesson	Mode of teaching	Learning objective and Success Criteria	
17th May Sunday	10 G (girls) 10 H (boys)	6 6	**Zoom**	**LO-** Reinforce the concept pressure. **Success criteria-** Recall the equation of pressure to solve the problems Use the relationship for pressure difference to solve higher level questions.	Teacher will discuss the questions to reinforce the concept through Google class room/zoom section.
18th May Monday	10 G (girls) 10 H (boys)	4 4	**Zoom**	**LO-** Explain why an object in a fluid is subject to upthrust **Success Criteria-** • Recall that the upthrust is equal to the weight of fluid displaced. • Relate the upthrust to the floating or sinking of objects immersed or partially immersed in fluids. • Explain the factors that determine	Teacher will use the ppt that contains the topic explained well and discuss the topic through Google class room/Zoom section

				whether or not an object will float or sink.	
20 th May Wednesday	10 G (girls) 10 H (boys)	**5** 5	**Zoom**	**Assessment** **Topics-**Unit5.18 Density and pressure (Page no.173-180) **Marks-**15 **Duration :** 25 minutes	Assessment will be done in Google form
	10 G (girls) 10H (boys)	6 6	**GC**	**LO-** Reinforce the concept of upthrust by solving exam style questions **Success Criteria-** Recollect the knowledge about the concept upthrust Apply that concept to real life situations.	Clear instructions will be given in the Google class room to complete the task