

YEAR 9 (A- F) – PHYSICS

WEEK 3 (13th September to 17th September)

Work Sent to the students through Google classroom

Topic:– Energy stores and transfers

Resources: Worksheet, GCSE science free lesson video, power point.

Date	Lesson	Topic	Mode of Teaching	
13 th Sept. Sunday (Girls)	4	<p>Learning Objective :</p> <ul style="list-style-type: none"> *Recall different forms of energy. *Analyse the changes involved in the way energy is stored when a system changes. * Discuss what is meant by conservation of energy. 		
13 th Sept. Sunday (Boys)	8	<ul style="list-style-type: none"> * Explain that where there are energy transfers in a closed system there is no change to the total energy in that system. * Explain, using examples, how all system changes energy is dissipated so that it is stored in less useful ways. * Draw and interpret energy transfer diagrams . <p>Learning outcome :</p> <ul style="list-style-type: none"> *Give examples of energy being moved between different stores. *Interpret diagrams that represent energy transfers. *Represent energy transfers using diagrams. (energy flow diagram) *Explain, using examples, that energy is conserved. 	Zoom	<p>Teacher uses power point presentation that contains interactive questions.</p> <p>H.W: Energy transfers worksheet</p>

15th Sept. Tuesday – (Girls)	3	Learning Objective : Draw and interpret diagrams to represent energy transfers.(Sankey diagrams) Learning outcome	Zoom	Teacher uses power point presentation and a video to explain the concepts and guide students to draw sankey diagram.
17 th Sept. Thursday (Boys)	5	Interpret sankey diagrams that represent energy transfers. Represent energy transfers using sankey diagrams.		
15th Sept. Tuesday – (Girls)	4	Learning Objective : To solve the worksheet on Sankey diagrams.	GC	Worksheet assigned through GC Instruction will be given in the GC to complete the worksheet
17 th Sept. Thursday (Boys)	6	Learning outcome: Students will be able to reinforce the concepts learned in the previous lesson by doing the worksheet		

