

YEAR 11 (A- F) – PHYSICS

WEEK 9 (17th May to 21stMay)

Work Sent to the students through Group email/ Google classroom

Topic – Practical skills

Lesson Objective: Use and apply scientific methods and practices

Resources: Worksheets, power point.

Date	Lesson	Learning objectives and Success criteria:-	Mode of Teaching
17 th May Sunday (boys)	0	L.O-Research –Graphs in real world .	Asynchronous learning
19 th May Tuesday (girls)	1	Success Criteria - Realise how graphs can be used in real life. Identify the different types of graphs Analyse the trend in the graph	
17 th May Sunday – (boys)	3	Learning objectives: Identify the variables in a scientific experiment. Success criteria	Zoom
18 th May Monday – (girls)	5	<ul style="list-style-type: none"> • define the terms 'independent variable,' 'dependent variable,' and 'control variable • Compare and contrast dependent and independent variables • Realise how the variables fit with science experiments Resources: PowerPoint	
18 th May Monday – (boys)	3	Learning objectives: To collect repeatable and reproducible results that allow you to see the link between two separate factors in various practical experiments.	Zoom
19 th May Tuesday – (girls)	3		

		<p>Success criteria:-</p> <p>Identify the independent variable, dependent variable and control variable in various practical experiments.</p> <p>Identify the variables to be plotted from an experimental or other data to calculate the constant value.</p> <p>Resources: PowerPoint</p>	
19 th May Tuesday – (boys)	8	<p>Learning Objectives :</p> <ul style="list-style-type: none"> • Translate information between graphical, numerical and algebraic forms. 	GC
21 st May Thursday – (girls)	5	<p>Success criteria:-</p> <p>Use the concepts learnt about identifying variables to solve Worksheet #1</p> <p>Explain why a graph of chosen variables on the y-axis and on the x-axis should be a straight line through the origin</p> <p>Resources : worksheet</p>	
21 st May Thursday – (boys)	7	<p>Learning Objectives :</p> <ul style="list-style-type: none"> • Reinforce how to translate information between graphical, numerical and algebraic forms. 	GC
21 th May Thursday – (girls)	6	<p>Success criteria:-</p> <p>Reinforce the concepts learnt about identifying variables and solve Worksheet #2</p> <p>Use the equation $y = m x + c$ to explain why a graph of chosen variables on the y-axis and on the x-axis should be a straight line through the origin</p> <p>Resources : worksheet</p>	