YEAR 13 – MATHEMATICS (Week 8)-2020-2021

Subject	Mathematics
Class/ Section	Year 13 – Batch A, B and C
Week	18th October to 22nd October
Work send to students by	Google classroom
Total number of lessons per week	3
Units	– **Chapter 3 book 2-Moments- Completion**

Lessons 1,2,3 –Live Zoom lesson along with face to face instruction for students present on a particular day
 	
Work will be assigned in google classroom which will be matched to the students ability.
	Learning objectives –
	   - To solve problems involving non-uniform rods in equilibrium.
	   - To understand the concept of :on the point of tilting about a given point and solve questions involving rods on the point of tilting.
	
	Intended Learning Outcomes
	
	- Students will be able to apply their knowledge of conditions for equilibrium and solve problems involving non-uniform rods where a particle needs to be placed for the rod to be balanced in a horizontal position and also find the position of centre of mass of a non-uniform rod using the conditions stated.

Tasks	Complete the questions assigned from the Mechanics 2 text book on moments(Ex4D-4 E & Mixed Ex) in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.

Resources	- Edexcel Statistics& Mechanics book 1 textbook - https://www.physicsandmathstutor.com