YEAR 13 – MATHEMATICS (Week 3)-2020-2021

Subject	Mathematics
Class/ Section	Year 13 – Batch A, B and C
Week	13th September to 17th September
Work send to students by	Google classroom
Total number of lessons per week	3
Units	– Constant acceleration (Chapter 9)-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.** **Tasks**	Learning objectives – - Derive the constant acceleration formulae and use them to solve problems involving horizontal motion. - Use the constant acceleration formulae to solve problems involving vertical motion under gravity **Intended Learning Outcomes** -Students will be able to derive the five constant acceleration formulae. - Students will be able to select appropriate constant acceleration formulae and use it to solve problems involving horizontal motion. - Students will be able to choose a direction as positive and use appropriate formulae while attempting to solve problems involving vertical motion under gravity. Complete the questions assigned from the Mechanics 1 text book on application of constant acceleration formulae in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.

| **Resources** | 1. Edexcel Statistics& Mechanics book 1 textbook |
| | 2. https://www.physicsandmathstutor.com |