

## YEAR 13 – MATHEMATICS (Week 2)-2020-2021

<b>Subject</b>	<b>Mathematics</b>
<b>Class/ Section</b>	<b>Year 13 – Batch A, B and C</b>
<b>Week</b>	<b>6<sup>th</sup> September to 10<sup>th</sup> September</b>
<b>Work send to students by</b>	<b>Google classroom</b>
<b>Total number of lessons per week</b>	<b>3</b>
<b>Units</b>	<b>– Constant acceleration (Chapter 9)</b>
<b>Lessons 1,2,3 –Live Zoom lesson along with face to face instruction for students present on a particular day</b>  <b>Work will be assigned in google classroom which will be matched to the students ability.</b>	Learning objectives – <ul style="list-style-type: none"><li>- Understand and interpret displacement-time graphs</li><li>- Understand and interpret velocity-time graphs</li></ul> <b><u>Intended Learning Outcomes</u></b> <ul style="list-style-type: none"><li>-Students will be able interpret displacement time and compute average velocity and total distance travelled.</li><li>- Students will be able to draw a velocity-time graph for a given situation and solve problems involving reaching a certain point when one has started later than the other or travelling with different acceleration.</li><li>- Students will be able to set up equations from their velocity-time graphs and find the unknowns.</li></ul>
<b>Tasks</b>	Complete the questions assigned from the Mechanics 1 text book 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>