YEAR 13 – MATHEMATICS (Week 11)-2020-2021

Subject	**Mathematics**
Class/ Section	**Year 13 – Batch A, B and C**
Week	**8th November to 12th November**
Work send to students by	**Google classroom**
Total number of lessons per week	**3**
Units	**-Chapter 6 book 2- Projectiles (Continuation)**
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 be able to able to resolve velocity in its horizontal and vertical components - To solve problems involving projectiles projected at an angle. **Intended Learning Outcomes** - Students will be able to consider the horizontal and vertical motion of the projectile and use it to find horizontal range and time of flight. - Students will be able to understand that the horizontal component of the velocity remains the same throughout the path. - Students will be able to use trigonometric identities and derive the equation of the path of the trajectory.

Tasks	Complete the questions assigned from the Mechanics 2 text book on Projectiles at an angle (Ex6B and EX 6C) 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