YEAR 11 – MATHEMATICS JUNE 2021

Subject	Mathematics
Class/ Section	Year 11 A to H
Week	June 6th to 10th
Work send to students by	Google classroom / Zoom
Total number of lessons per week	Synchronous : 2 Asynchronous : 3
Chapter 2: Quadratics	2.5 – The Discriminant 2.6 – Modelling with Quadratics
Lessons 1 **Live Zoom lesson**	**Learning Objective:** • **To find and interpret the discriminant of a Quadratic Expression** **Intended Learning Outcomes:** **By the end of the lesson will be able to** • **To find and interpret the discriminant of a Quadratic Expression**
Task	**Page 32 : Ex 2G Qns 1, 5, 6 and 7**
Resources	**Text Book : Edexcel AS and A level Mathematics** **Pure Mathematics Year 1/AS**
Lessons 2 **Live Zoom lesson**	**Learning Objective:** • **To use and apply models that involve quadratic functions** **Intended Learning Outcomes:** **By the end of the lesson will be able to** • **To use and apply models that involve quadratic functions.**
Task	**Page 34 : Ex 2H Qns 1, 2 and 3**
Resources	**Text Book : Edexcel AS and A level Mathematics** **Pure Mathematics Year 1/AS**

Lessons 3, 4 and 5 **Asynchronous lessons** **Work will be assigned in Google Classroom which will be matched to the students ability**	**Learning Objective:** • **To find and interpret the discriminant of a Quadratic Expression** • **To use and apply models that involve quadratic functions.** **Intended Learning Outcome:** **By the end of the lessons students will be able to** • **To find and interpret the discriminant of a Quadratic Expression** • **To use and apply models that involve quadratic functions.**
Task	**Page 35 – 36 : Mixed Exercise : Qns 6 to 13**
Resources	**Text Book : Edexcel AS and A level Mathematics** **Pure Mathematics Year 1/AS**