YEAR 11 (IGCSE) – MATHEMATICS FEB-MARCH 2021

Subject	Mathematics
Class/ Section	**Year 11 H and 11G**
Week	**February 28th to March 4th**
Work send to students by	**Google classroom / Zoom**
Total number of lessons per week	**5**
UNIT 5(Book1) **UNIT 7(Book 2)**	**Shape and Space 5** **Shape and Space 7**
Lessons 1 & 2 **Shape & Space 5 (Unit 5-Book 1)** **Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability** **Task** **Resources**	**SHAPE AND SPACE 5 –TRANSFORMATIONS(Page 338)** **Learning Objective:** • **Translate a shape along a vector** • **Reflect a shape in the mirror line** • **Rotate a shape about a centre of Rotation** • **Enlarge a shape about a centre of enlargement** • **Draw and describe Combined transformations** **Intended Learning Outcomes:** **By the end of the lesson will be able to** • **Translate a shape along a vector** • **Reflect a shape in the mirror line** • **Rotate a shape about a centre of Rotation** • **Enlarge a shape about a centre of enlargement** • **Draw and describe Combined transformations** **PPT and Textbook Questions (Book 1-Pg 339 to 355-Ex 1 to 5*) Worksheet** **Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts**

Lessons 3 & 4 **Shape & Space 7 (Book 2)** **Live Zoom lesson** **Work will be assigned in Google Classroom which will be matched to the students ability**	**SHAPE AND SPACE 7 –Area and Volume, Similar Shapes(Page 140)** **Learning Objective:** - **Calculate problems involving Arcs and Sectors.** - **Find Volume and Surface area of Prism, Pyramid, Cone, Sphere** - **Solve problems on area and volume of Similar Shapes.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** - **Calculate problems involving Arcs and Sectors.** - **Find Volume and Surface area of Prism, Pyramid, Cone, Sphere** - **Solve problems on area and volume of Similar Shapes.**
Task	**Text Book(Book 2) – Page 141 to 164-Ex 1 to 8***
Resources	**Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts**
Lessons 5 **Google classroom**	**Learning Objective:** - **Solve problems from Area and Volume** **Intended Learning Outcomes:** **By the end of the lesson will be able to** - **Solve problems from Area and Volume**
Task	**Exam Practice Questions from Worksheet**
Resources	**Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts**