YEAR 13 – MATHEMATICS (Week 6th June-10th June)

Subject	**Mathematics**
Class/ Section	**Year 13 – Batch A, B and C**
Week	**6th June to 10th June**
Work send to students by	**Google classroom**
Total number of lessons per week	**6**
Units	**1.4 – To represent a complex number on an Argand diagram** **1.5– To find the modulus and argument of a given complex number and write a complex number in modulus argument form.** **4.5– Use Matrices to describe linear transformations** **4.6–To use Matrices to describe rotations. reflections and enlargements.**
Lessons 1, 2 & 3 **Task** **Resources**	Learning objective – (i) To be able to represent a complex number on an Argand diagram including addition and subtraction of two complex numbers as vectors. (ii) To understand the meaning of modulus and argument of a complex number(Principle argument) and to calculate the modulus and argument of a given complex number. (iii) To write a complex number in modulus argument form from x + i y form. Complete the FP1 textbook questions in the notebook. 1. Edexcel FP1 textbook 2. https://www.physicsandmathstutor.com

Lesson 4,5 & 6 **Task** **Resource**	Learning objective – (i) To find Matrices to describe a given linear transformation. (ii) To describe fully the geometrical transformations described by a given matrix Complete the FP1 textbook questions in the notebook. 1. Edexcel FP1 textbook 2. https://www.physicsandmathstutor.com/