

YEAR 13 – MATHEMATICS (Week 5)

Subject	Mathematics
Class/ Section	Year 13 – Batch A, B and C
Week	19th April to 23rd April
Work send to students by	Group email / Google classroom / Zoom
Total number of lessons per week	6
Units	1.7 – Solve problems involving complex numbers including finding the square root of a complex number. 4.7– Matrix products to represent a combination of transformations. 4.8–Find inverse of a 2x2 Matrix where it exists.
Lessons 1, 2 & 3	
Task	Learning objective – (i) To be able to solve problems that need to equate two complex numbers using binomial expansion if necessary. ii)To find the square root of a given complex number. Complete the FP1 textbook questions in the notebook.
Resources	1. Edexcel FP1 textbook 2. https://www.physicsandmathstutor.com

Lesson 4,5 & 6

Learning objective – (i) To multiply two matrices and describe the transformation described by the product.
(ii) To understand the meaning of a non-singular matrix and find the inverse of a 2x2 non-singular matrix.

Task

Complete the FP1 textbook questions in the notebook.

Resource

1. Edexcel FP1 textbook
2. <https://www.physicsandmathstutor.com/>