

YEAR 13 – MATHEMATICS (Week 6)

Subject	Mathematics
Class/ Section	Year 13 – Batch A, B and C
Week	4th October to 8th October 2020
Work send to students by	Group email / Google classroom / Zoom
Total number of lessons per week	3
Units	Pure Mathematics – Year 2 Chapter 3 – Sequences and Series Chapter 4 – Binomial Expansion
Lessons 1 –Live Zoom lesson	3.8 – Modelling with series <u>Learning objective</u> – To model real life situations with sequences and series. <u>Intended Learning Outcomes</u> --Students will be able to understand that geometric sequence and series can be related to real life situations. For example if a person’s salary increases by the same percentage every year, their salary each year would form a geometric sequence and the amount they had been paid in total over n years would be modelled by the corresponding geometric series.
Tasks	To complete the questions assigned from the Textbook (pdf) in their notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.
Resources	<ol style="list-style-type: none">1 Power point presentation2 Pure Mathematics Year 23 https://www.physicsandmathstutor.com/4 https://www.drfrostmaths.com/5 https://www.examsolutions.net/

