

YEAR 9 – MATHEMATICS (Week 2)

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	29th March to 2nd April
Work send to students by	Group email / Google classroom
Total number of lessons per week	6
Unit	7.6 – Spheres 7.7- Pyramids
Lessons 1 & 2	Unit 7.6 – Spheres
Task	Learning objective - To calculate volume and surface area of a sphere. To solve problems involving volumes and surface areas. Complete the textbook allocated questions in the notebook.
Resources	<ol style="list-style-type: none"> 1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook Pages pgs 221 and 222 3. https://www.activeteachonline.com 4. https://youtu.be/uFhUrWncKF8 5. https://youtu.be/UTQjzA9BQeM 6. https://quizizz.com/admin/quiz/flashcards/5c9a8f97f86a84001a6f49e3?q=%2Fadmin&source=preGameScreen 7. https://corbettmaths.com/wp-content/uploads/2013/02/surface-area-sphere-pdf.pdf 8. https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-sphere-pdf.pdf 9. https://corbettmaths.com/wp-content/uploads/2015/03/scan-2018-4-9-09-53-05-2.pdf 10. https://corbettmaths.com/wp-content/uploads/2015/03/volume-of-a-sphere.pdf

Lesson 3	Assessment – Sectors of Circles and Cylinders.
Lessons 4 & 5 Task Resources	Unit 7.7 – Pyramids Learning objective - To calculate volume and surface area of a pyramid. To solve problems involving pyramids. Complete the textbook allocated questions in the notebook. 1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook Pages pgs 222 and 223 3. https://www.activeteachonline.com 4. https://www.youtube.com/watch?v=XqWxpmd8x4w 5. https://www.youtube.com/watch?v=xWIR2GonF7Q 6. https://youtu.be/AFCbL-9rvy4 7. https://corbettmaths.com/2013/03/05/volume-of-a-pyramid 8. https://quizizz.com/admin/quiz/flashcards/5c505c0ef44d72001b6cb757?q=%2Fadmin&source=preGameScreen 9. https://quizizz.com/admin/quiz/flashcards/570d8beaf6142e327013a866?q=%2Fadmin&source=preGameScreen 10. https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-pyramid-pdf.pdf 11. https://sites.google.com/a/nevada.k12.ia.us/nmselfpacedmath/surface-area-of-square-pyramids---practice 12. https://corbettmaths.com/wp-content/uploads/2015/03/volume-of-a-pyramid.pdf 13. https://sites.google.com/a/nevada.k12.ia.us/nmselfpacedmath/surface-area-of-square-pyramids---answers
Lessons 6 Task Resources	Unit 7.6 – Spheres Learning objective - To calculate volume and surface area of a sphere. To solve problems involving volumes and surface areas. Unit 7.7 – Pyramids Learning objective - To calculate volume and surface area of a pyramid. To solve problems involving pyramids. Complete the task allocated on Active learn https://www.pearsonactivelearn.com