

Culcheth High School Key Stage 4 Curriculum Map 2020 - 2021

Mathematics Year 11, sets 4 & 5

Edexcel



**CULCHETH
HIGH SCHOOL**
THE BEST THAT WE CAN BE

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Key Concepts	Algebra Number	Geometry and Measures	Geometry and Measures Statistics and Probability	Geometry and Measures Number	Algebra Geometry and Measures Statistics and Probability Number Ratio, Proportion and Rates of Change	Algebra Geometry and Measures Statistics and Probability Number Ratio, Proportion and Rates of Change
Themes	Straight Line Graphs Quadratic and Cubic Graphs Coordinate Geometry Real-life graphs Compound Measures Pythagoras / Trigonometry Bearings Angles	Sampling Pie Charts Probability Circles Surface Area and Volume Sequences / equations	Vectors Transformations Direct and Inverse Proportion Plans and Elevations Constructions	Forming and solving equations Congruence / Similarity	Revision GCSE Paper 1	GCSE Paper 2 GCSE Paper 3
Writing Whole school literacy focus	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions
Spiritual, Moral, Social and Cultural theme (SMSC) Fundamental British Values	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions
Key Assessment Focuses, Suggested Assessments and Feedback Week	Week 6 1 full GCSE past paper non calculator Formula sheet provided	Week 13 QMA 2 full GCSE past papers 2 calculator	Week 19/20 PPE 3 full GCSE past papers 1 non calculator 1 calculator			

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Special Events						
Possible Visits						

Final assessment – 100% terminal examination in year 11.

2 tiers of entry

- Foundation. Grades 5-U
- Higher. Grades 9-3 (if insufficient marks are obtained for Grade 3, then a U will be awarded)

The final decision on tier of entry will be taken in the Spring Term of Y11.