

# Culcheth High School Key Stage 4 Curriculum Map 2019 - 2020

Mathematics Year 9, set 4

Edexcel



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Key Concepts	Number Algebra	Algebra Statistics and Probability	Number Geometry and Measures	Geometry and Measures Statistics and Probability	Number	Number
Themes	Integers and place value Decimals Indices, powers and roots Factors, multiples and primes Algebra: the basics  Expressions and substitution into formulae	Drawing and interpreting tables and charts Fractions and Percentages	Fractions and percentages Properties of shapes and simple angle facts 3D forms	Mensuration Probability Two Way Tables Frequency Trees Venn Diagrams Product of Prime Factors Multiples in Context	Best Value Exchange Rates Rounding and Error Intervals Estimation Percentage of an Amount	Interest and Growth Depreciation and Decay Use of calculator Reverse percentages
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 4 60-minute QMA on Autumn Term topics (Open Book)	Week 8 60-minute QMA on topics covered to date	Week 16 60-minute QMA on topics covered to date	Week 25 60 minute past paper	Week 30 60 minute past paper	Week 35/36 2 x 90 minute PPE 2 full past papers
Special Events						
Possible Visits						

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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.