



Post-16 Curriculum Long Term Planning: Maths

Curriculum Intent

The Post-16 Maths curriculum at Chadsgrove School enables pupils to develop their Maths skills to their fullest potential in preparation for adulthood. If Post-16 pupils do not already hold a GCSE in Mathematics, they must continue to work towards an appropriate Maths qualification. Maths qualifications will be carefully matched to meet pupils' individual needs, abilities and aspirations.

The Post-16 Maths curriculum at Chadsgrove School aims to prepare pupils for adulthood by:

- Enabling pupils to work towards a bespoke, accredited Maths curriculum qualification dependent on their aspirations and individual needs
- Allowing pupils to follow personalised learning outcomes, in line with individual EHCP targets, to enable appropriate delivery of all Maths sessions based on pupils' individual needs
- Facilitating a cross curricular model where pupils are supported to practice Maths across the whole Post-16 curriculum
- Facilitating meaningful learning opportunities to develop Maths skills in school and within the community
- Enabling pupils to practice functional Maths skills to access the community with increasing confidence e.g. to navigate time, money, budgeting, data, number and measure skills with greater independence
- Providing pupils with functional Maths skills to increase independence and prepare them for their next destinations

Pupils in Post-16 are set for Maths lessons. Pupils in the Formal Pathway Maths Group will work towards GCSE and Functional Skills Maths. Pupils in these groups will have 3 Maths lessons per week in order to progress through course content at an appropriate rate. Pupils will take an exam in the summer term. Please refer to individual Teacher's Medium Term Maths Plans for further detail.

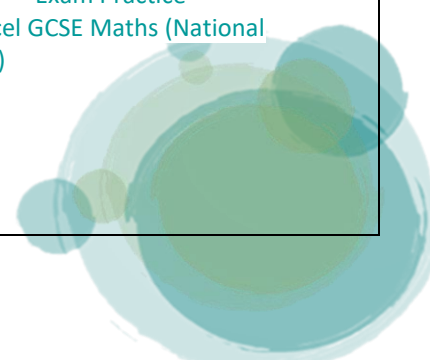
Pupils following the Semi-Formal Pathway will focus on functional and life skills based Maths. The focus of these sessions will be learning key skills and applying these in varied and real life contexts. Semi-Formal Pathway pupils will work towards OCR Maths units at Entry Level 1. Please refer to individual teacher's Medium Term Maths Plans for further detail.

Curriculum Implementation

Formal Pathway:

Group 1 (GCSE 9-1 Maths Foundation Tier)

Autumn	Spring	Summer
Groundwork: Number Groundwork: Algebra Groundwork: Geometry Groundwork: Statistics Percentages Indices and roots Algebraic manipulation Straight-line graphs Angle properties in shapes Accuracy Circles Equations and inequalities	Probability Sequences Constructions Quadratics Quadratic graphs Ratio and compound measures Proportion Simultaneous equations Pythagoras' theorem Statistical graphs and measures Transformations of shapes and vectors Bivariate data Sampling Probability of combined events	Volume and surface area Trigonometry Further graphs Mathematical arguments Exam Preparation <ul style="list-style-type: none"> • Common Misconceptions • Exam Revision • Exam Practice Edexcel GCSE Maths (National Exam)



Groups 2 and 3 (Functional Skills Maths Units at Entry Level 2 or 3)

	Autumn	Spring	Summer
Entry 2	Using numbers and the number system – whole numbers, fractions and decimals	Using common measures, shape and space Handling information and data Sample Assessment Walkthrough of Sample Assessment Targeted Revision	Consolidation & Revision Live Assessment* Consolidation Live Assessment (Re-sits) Consolidation * UAS Units available for pupils who are not yet ready for the live assessment
Entry 3	Using numbers and the number system – whole numbers, fractions and decimals	Using common measures, shape and space Handling information and data Sample Assessment Walkthrough of Sample Assessment Targeted Revision	Consolidation & Revision Live Assessment* Consolidation Live Assessment (Re-sits) Consolidation * UAS Units available for pupils who are not yet ready for the live assessment

Semi-Formal Pathway

Group 4 (OCR Maths units at Entry Level 1)

	Autumn Measure	Spring Data Handling	Summer Number Skills
Entry 1	OCR J2 Early mathematics: Measure J2 M/502/4331 (2)	OCR J4 Early mathematics: sequencing & sorting J4 T/502/4332 (3)	OCR J3 Developing number skills J3 D/502/4325 (2)
Entry 2	OCR J10 Estimating & measuring J10 M/602/0063 (2)	OCR J8 Collecting & presenting numerical information J8 H/602/0061 (2)	OCR J6 Working with whole numbers up to 100 J6 D/602/0057 (2)

Curriculum Impact

Post-16 Pupils will engage in meaningful and personalised Maths lessons in line with their aspirations. They will work towards achieving an appropriate Mathematics qualification that allows them to leave Chadsgrove equipped with the Maths skills they need to progress in life, further study and work. Pupils will gain evidence to support successful completion of their Maths qualifications in individual Maths folders. All accredited work and exams will be submitted to appropriate Exam Boards.

