



Greenwood School Curriculum Summary

Subject: Maths

Year: XGroup/y10/y11(Foundation Tier)(higher teir)

Term: SPRING 2

Lesson name	Lesson outline	Online link(s)	Other Resources
Algebraic expressions	Order of operations; Expressions and substitution; Simplifying expressions; Using formulae; Writing formulae.	https://classroom.thenational.academy/lessons/four-operations-cthkjic https://classroom.thenational.academy/lessons/order-of-operations-and-arrays-60t64c https://classroom.thenational.academy/lessons/simplify-expressions-by-collecting-like-terms-cct68d https://classroom.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdgkge https://classroom.thenational.academy/lessons/substitute-a-negative-term-into-a-formula-75j3cc https://classroom.thenational.academy/lessons/change-the-subject-of-a-formula-6hnp2t	Edexcel GCSE (9-1) Mathematics Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 1 Revision Guide/Workbook
Algebra	Introduction to algebra; Algebraic manipulation; Formulae; Patterns and Sequences; Exact answers and Surds.	https://classroom.thenational.academy/lessons/simplify-expressions-by-collecting-like-terms-cct68d https://classroom.thenational.academy/lessons/expand-a-term-over-a-single-bracket-including-powers-74wp8t https://classroom.thenational.academy/lessons/find-terms-of-a-linear-sequence-6xhpar https://classroom.thenational.academy/lessons/triangular-and-fibonacci-style-sequences-69gk8d https://classroom.thenational.academy/lessons/simple-quadratic-and-cubic-sequences-c9i6ac https://classroom.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdgkge https://classroom.thenational.academy/lessons/substitute-a-negative-term-into-a-formula-75j3cc https://classroom.thenational.academy/lessons/change-the-subject-of-a-formula-6hnp2t https://classroom.thenational.academy/lessons/identify-rational-and-irrational-numbers-69j32c https://classroom.thenational.academy/lessons/simplify-simple-surds-6mvk8c https://classroom.thenational.academy/lessons/write-ab-in-form-x-crr3jr	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook
Angles	Calculating angles; Angles in a triangle; Angles in a quadrilateral; Angles within parallel lines; Constructions.	https://classroom.thenational.academy/lessons/find-missing-angles-around-a-point-and-on-a-straight-line-c9k32c https://classroom.thenational.academy/lessons/find-missing-angles-in-a-triangle-6cvk4t https://classroom.thenational.academy/lessons/angles-in-parallel-lines-with-two-transversals-6ww66t https://classroom.thenational.academy/lessons/construct-triangles-6dk3ec https://classroom.thenational.academy/lessons/construct-a-perpendicular-bisector-from-a-point-to-a-line-crt3cc https://classroom.thenational.academy/lessons/construct-an-angle-bisector-65jk4d	Edexcel GCSE (9-1) Mathematics Foundation Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 1 Revision Guide/Workbook
Decimals	Rounding numbers; Multiplying and dividing by powers of 10; Putting decimals in order; Estimates; Adding and subtracting decimals.	https://classroom.thenational.academy/lessons/add-and-subtract-decimals-c4rpcd	Edexcel GCSE (9-1) Mathematics

		https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkc https://classroom.thenational.academy/lessons/round-up-to-three-significant-figures-68w66e https://classroom.thenational.academy/lessons/representing-fractions-decimals-and-percentages-6rtk4d https://classroom.thenational.academy/lessons/powers-of-10-c9hp6c	<p>Foundation Revision Guide/Workbook</p> <p>Edexcel Functional Skills Mathematics Level 1 Revision Guide/Workbook</p>
Linear graphs	Coordinates; Graphs from formulae; Graphs of $x = a$, $y = b$, $y = x$ and $y = -x$; Graphs of the form $x + y = a$; Conversion graphs.	https://classroom.thenational.academy/lessons/coordinates-recap-6tik6r https://classroom.thenational.academy/lessons/horizontal-and-vertical-lines-60u3ac https://classroom.thenational.academy/lessons/linear-and-non-linear-graphs-6crket https://classroom.thenational.academy/lessons/y-mx-c-61jk0r https://classroom.thenational.academy/lessons/displacement-time-graphs-part-1-6gr68d	<p>Edexcel GCSE (9-1) Mathematics Foundation Revision Guide/Workbook</p> <p>Edexcel Functional Skills Mathematics Level 1 Revision Guide/Workbook</p>
Percentages	Fractions, decimals and percentages; Fractions of a quantity; Percentages of quantities; Percentages with a calculator.	https://classroom.thenational.academy/lessons/simple-fraction-decimal-and-percentage-equivalents-70t62e https://classroom.thenational.academy/lessons/convert-fractions-to-decimals-and-percentages-without-a-calculator-cct3qt https://classroom.thenational.academy/lessons/fraction-of-an-amount-6ctp4t https://classroom.thenational.academy/lessons/application-of-fraction-of-an-amount-skills-c9hp8c https://classroom.thenational.academy/lessons/percentages-of-amount-6nj68r https://classroom.thenational.academy/lessons/percentages-of-amount-part-2-c9j66c	<p>Edexcel GCSE (9-1) Mathematics Foundation Revision Guide/Workbook</p> <p>Edexcel Functional Skills Mathematics Level 1 Revision Guide/Workbook</p>
Geometry	Lines and angles; Angle and shapes; Circle geometry.	https://classroom.thenational.academy/lessons/find-missing-angles-around-a-point-and-on-a-straight-line-c9k32c https://classroom.thenational.academy/lessons/find-missing-angles-in-a-triangle-6cvk4t https://classroom.thenational.academy/lessons/find-missing-angles-in-a-quadrilateral-6gukar https://classroom.thenational.academy/lessons/angles-in-parallel-lines-with-two-transversals-6ww66t https://classroom.thenational.academy/lessons/find-missing-exterior-angles-cqu64e https://classroom.thenational.academy/lessons/find-the-circumference-of-a-circle-c4tp6e https://classroom.thenational.academy/lessons/find-the-area-of-a-circle-60w36c https://classroom.thenational.academy/lessons/find-the-area-of-a-sector-c9j66t https://classroom.thenational.academy/lessons/circle-theorems-angle-at-the-centre-and-angle-at-the-circumference-70u66r	<p>Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook</p> <p>Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook</p>

