



Greenwood School Curriculum Summary

Subject: Maths

Year: 11/XGB (Higher tier)

Term: Autumn 2

Lesson name	Lesson outline	Online link(s)	Other Resources
Understanding the Number System	Operations, Estimating and Rounding; Factors, Multiples and Primes; Indices and their laws; Standard Form.	https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkr https://classroom.thenational.academy/lessons/round-up-to-three-significant-figures-68w66e https://classroom.thenational.academy/lessons/prime-factor-decomposition-ccupcr https://classroom.thenational.academy/lessons/multiples-and-factor-pairs-68t3gr https://classroom.thenational.academy/lessons/multiply-powers-c5k4e https://classroom.thenational.academy/lessons/divide-powers-6wf36t https://classroom.thenational.academy/lessons/powers-of-powers-75k32c https://classroom.thenational.academy/lessons/convert-large-standard-form-numbers-to-ordinary-form-6xk36e https://classroom.thenational.academy/lessons/convert-small-numbers-to-standard-form-cmup8e https://classroom.thenational.academy/lessons/convert-small-standard-form-numbers-to-ordinary-form-cgrp4r https://classroom.thenational.academy/lessons/convert-small-standard-form-numbers-to-ordinary-form-cgrp4r	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 2 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-ct68d 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-69qk8d https://classroom.thenational.academy/lessons/simple-quadratic-and-cubic-sequences-c9j6ac https://classroom.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdqkge https://classroom.thenational.academy/lessons/substitute-a-negative-term-into-a-formula-75j3cc https://classroom.thenational.academy/lessons/change-the-subject-of-a-formula-6nhp2t 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-cr3jr	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook
Collecting and Representing Data	Collecting data; Displaying data, charts and graphs;	https://classroom.thenational.academy/lessons/data-collection-c9h6cc https://classroom.thenational.academy/lessons/bar-charts-6hh3gr https://classroom.thenational.academy/lessons/composite-and-multiple-bar-charts-cmrpct https://classroom.thenational.academy/lessons/pictograms-60up8t	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook

			Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook
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-cgu64e 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-c9t66t https://classroom.thenational.academy/lessons/circle-theorems-angle-at-the-centre-and-angle-at-the-circumference-70u66t	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook