



# Greenwood School Curriculum Summary

**Subject: Maths**

**Year: 11/XGB (Higher tier)**

**Term: SPRING 1**

<b>Lesson name</b>	<b>Lesson outline</b>	<b>Online link(s)</b>	<b>Other Resources</b>
Collecting and Representing Data	Collecting data; Displaying data, charts and graphs;	<a href="https://classroom.thenational.academy/lessons/data-collection-c9h6cc">https://classroom.thenational.academy/lessons/data-collection-c9h6cc</a> <a href="https://classroom.thenational.academy/lessons/bar-charts-6hh3gr">https://classroom.thenational.academy/lessons/bar-charts-6hh3gr</a> <a href="https://classroom.thenational.academy/lessons/composite-and-multiple-bar-charts-cmrpct">https://classroom.thenational.academy/lessons/composite-and-multiple-bar-charts-cmrpct</a> <a href="https://classroom.thenational.academy/lessons/pictograms-60up8t">https://classroom.thenational.academy/lessons/pictograms-60up8t</a>	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.	<a href="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-around-a-point-and-on-a-straight-line-c9k32c</a> <a href="https://classroom.thenational.academy/lessons/find-missing-angles-in-a-triangle-6cvk4t">https://classroom.thenational.academy/lessons/find-missing-angles-in-a-triangle-6cvk4t</a> <a href="https://classroom.thenational.academy/lessons/find-missing-angles-in-a-quadrilateral-6gukar">https://classroom.thenational.academy/lessons/find-missing-angles-in-a-quadrilateral-6gukar</a> <a href="https://classroom.thenational.academy/lessons/angles-in-parallel-lines-with-two-transversals-6ww66t">https://classroom.thenational.academy/lessons/angles-in-parallel-lines-with-two-transversals-6ww66t</a> <a href="https://classroom.thenational.academy/lessons/find-missing-exterior-angles-cgu64e">https://classroom.thenational.academy/lessons/find-missing-exterior-angles-cgu64e</a> <a href="https://classroom.thenational.academy/lessons/find-the-circumference-of-a-circle-c4tp6e">https://classroom.thenational.academy/lessons/find-the-circumference-of-a-circle-c4tp6e</a> <a href="https://classroom.thenational.academy/lessons/find-the-area-of-a-circle-60w36c">https://classroom.thenational.academy/lessons/find-the-area-of-a-circle-60w36c</a> <a href="https://classroom.thenational.academy/lessons/find-the-area-of-a-sector-c9j66t">https://classroom.thenational.academy/lessons/find-the-area-of-a-sector-c9j66t</a> <a href="https://classroom.thenational.academy/lessons/circle-theorems-angle-at-the-centre-and-angle-at-the-circumference-70u66r">https://classroom.thenational.academy/lessons/circle-theorems-angle-at-the-centre-and-angle-at-the-circumference-70u66r</a>	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook  Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook
Analysing Data	Integers; Averages; Median and Inner-Quartile Ranges; Histograms.	<a href="https://classroom.thenational.academy/lessons/four-operations-cthkic">https://classroom.thenational.academy/lessons/four-operations-cthkic</a> <a href="https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkr">https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkr</a> <a href="https://classroom.thenational.academy/lessons/order-of-operations-chh38d">https://classroom.thenational.academy/lessons/order-of-operations-chh38d</a> <a href="https://classroom.thenational.academy/lessons/find-the-mean-median-mode-and-range-from-a-list-of-numbers-chhkr">https://classroom.thenational.academy/lessons/find-the-mean-median-mode-and-range-from-a-list-of-numbers-chhkr</a> <a href="https://classroom.thenational.academy/lessons/use-a-line-of-best-fit-on-a-scatter-graph-cr32d">https://classroom.thenational.academy/lessons/use-a-line-of-best-fit-on-a-scatter-graph-cr32d</a> <a href="https://classroom.thenational.academy/lessons/upper-and-lower-bounds-error-intervals-c4v32c">https://classroom.thenational.academy/lessons/upper-and-lower-bounds-error-intervals-c4v32c</a> <a href="https://classroom.thenational.academy/lessons/upper-and-lower-bounds-multiplying-and-dividing-6nj6r">https://classroom.thenational.academy/lessons/upper-and-lower-bounds-multiplying-and-dividing-6nj6r</a> <a href="https://classroom.thenational.academy/lessons/plot-a-histogram-60vk8e">https://classroom.thenational.academy/lessons/plot-a-histogram-60vk8e</a>	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook  Edexcel Functional Skills Mathematics Level 2

		<a href="https://classroom.thenational.academy/lessons/find-the-median-from-a-histogram-70v3jd">https://classroom.thenational.academy/lessons/find-the-median-from-a-histogram-70v3jd</a>	Revision Guide/Workbook
Decimals, Percentages and Probability	Decimals; Fractions; Ratio and scale; Probability; Percentages.	<a href="https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkr">https://classroom.thenational.academy/lessons/round-to-two-decimal-places-cdhkr</a> <a href="https://classroom.thenational.academy/lessons/round-up-to-three-significant-figures-68w66e">https://classroom.thenational.academy/lessons/round-up-to-three-significant-figures-68w66e</a> <a href="https://classroom.thenational.academy/lessons/adding-and-subtracting-fractions-less-1-75gp8r">https://classroom.thenational.academy/lessons/adding-and-subtracting-fractions-less-1-75gp8r</a> <a href="https://classroom.thenational.academy/lessons/mixed-fraction-addition-and-subtraction-problems-cdj3ac">https://classroom.thenational.academy/lessons/mixed-fraction-addition-and-subtraction-problems-cdj3ac</a> <a href="https://classroom.thenational.academy/lessons/equivalent-fractions-chk6gr">https://classroom.thenational.academy/lessons/equivalent-fractions-chk6gr</a> <a href="https://classroom.thenational.academy/lessons/write-a-fraction-as-a-recurring-decimal-using-division-6hk38r">https://classroom.thenational.academy/lessons/write-a-fraction-as-a-recurring-decimal-using-division-6hk38r</a> <a href="https://classroom.thenational.academy/lessons/simplifying-ratios-69jk8t">https://classroom.thenational.academy/lessons/simplifying-ratios-69jk8t</a> <a href="https://classroom.thenational.academy/lessons/divide-a-quantity-in-a-given-ratio-c9jkgd">https://classroom.thenational.academy/lessons/divide-a-quantity-in-a-given-ratio-c9jkgd</a> <a href="https://classroom.thenational.academy/lessons/find-probabilities-from-frequency-trees-cckad">https://classroom.thenational.academy/lessons/find-probabilities-from-frequency-trees-cckad</a> <a href="https://classroom.thenational.academy/lessons/list-outcomes-in-a-sample-space-diagram-two-way-table-and-calculate-probabilities-64u68r">https://classroom.thenational.academy/lessons/list-outcomes-in-a-sample-space-diagram-two-way-table-and-calculate-probabilities-64u68r</a> <a href="https://classroom.thenational.academy/lessons/calculate-probabilities-from-equally-likely-events-6ni3ad">https://classroom.thenational.academy/lessons/calculate-probabilities-from-equally-likely-events-6ni3ad</a> <a href="https://classroom.thenational.academy/lessons/decimal-multiplier-method-to-find-percentages-of-an-amount-6rt66c">https://classroom.thenational.academy/lessons/decimal-multiplier-method-to-find-percentages-of-an-amount-6rt66c</a> <a href="https://classroom.thenational.academy/lessons/increase-and-decrease-an-amount-by-a-percentage-6rw3gt">https://classroom.thenational.academy/lessons/increase-and-decrease-an-amount-by-a-percentage-6rw3gt</a> <a href="https://classroom.thenational.academy/lessons/repeated-percentage-increase-and-decrease-69jk8e">https://classroom.thenational.academy/lessons/repeated-percentage-increase-and-decrease-69jk8e</a> <a href="https://classroom.thenational.academy/lessons/change-percentages-to-fractions-and-decimals-65h3gt">https://classroom.thenational.academy/lessons/change-percentages-to-fractions-and-decimals-65h3gt</a>	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook  Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook
Geometry 2.	Estimates, reading scales and conversion; Area, perimeter & volume; 3-D shapes, symmetry and tessellations.	<a href="https://classroom.thenational.academy/lessons/converting-between-metric-units-of-length-6cu3cc">https://classroom.thenational.academy/lessons/converting-between-metric-units-of-length-6cu3cc</a> <a href="https://classroom.thenational.academy/lessons/converting-between-units-of-metric-mass-6ww38d">https://classroom.thenational.academy/lessons/converting-between-units-of-metric-mass-6ww38d</a> <a href="https://classroom.thenational.academy/lessons/solving-problems-involving-various-units-of-measure-68v3ae">https://classroom.thenational.academy/lessons/solving-problems-involving-various-units-of-measure-68v3ae</a> <a href="https://classroom.thenational.academy/lessons/area-of-rectangles-parallelograms-and-triangles-71jp8c">https://classroom.thenational.academy/lessons/area-of-rectangles-parallelograms-and-triangles-71jp8c</a> <a href="https://classroom.thenational.academy/lessons/finding-the-volume-of-triangular-prisms-6cukqd">https://classroom.thenational.academy/lessons/finding-the-volume-of-triangular-prisms-6cukqd</a> <a href="https://classroom.thenational.academy/lessons/finding-the-surface-area-of-triangular-prisms-6dh3ae">https://classroom.thenational.academy/lessons/finding-the-surface-area-of-triangular-prisms-6dh3ae</a> <a href="https://classroom.thenational.academy/lessons/volume-and-surface-area-of-a-pyramid-ccr6ct">https://classroom.thenational.academy/lessons/volume-and-surface-area-of-a-pyramid-ccr6ct</a> <a href="https://classroom.thenational.academy/lessons/identify-congruent-shapes-6mwkcch">https://classroom.thenational.academy/lessons/identify-congruent-shapes-6mwkcch</a> <a href="https://classroom.thenational.academy/lessons/rotate-an-object-around-a-given-point-71j36c">https://classroom.thenational.academy/lessons/rotate-an-object-around-a-given-point-71j36c</a> <a href="https://classroom.thenational.academy/lessons/enlarge-an-object-with-a-positive-scale-factor-from-a-given-coordinate-6rup8d">https://classroom.thenational.academy/lessons/enlarge-an-object-with-a-positive-scale-factor-from-a-given-coordinate-6rup8d</a>	Edexcel GCSE (9-1) Mathematics Higher Revision Guide/Workbook  Edexcel Functional Skills Mathematics Level 2 Revision Guide/Workbook

