Curriculum Map – Key-Stage 3 (2023-2024)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	**1 – Place Value** What is place value and how important is it in maths? **2 – Properties of numbers** What are factors and multiples and how do we use them?	**4 – Expressions and equations** Can we use algebra to generalise ideas in mathematics?	**Assessment 1 - Revision** Can we retrieve everything we have learnt so far?	**Relearn** Have we filled in our gaps in knowledge and can apply it to a new set of questions?	**8 – Ratio and Proportion** How can we use ratio and proportion to solve problems?	**Assessment 2 – Revision** Can we retrieve everything we have learnt this year?
	3 – Arithmetic How do we calculate with negative numbers and decimals?	**5 – Coordinates** How do we use the coordinate plane?	**6 – Perimeter and Area** How can we measure the space inside and around a shape?	**7 – Fractions** Can we use fractions effectively across the curriculum?	**9 – Transformations** Can we interpret and draw the four types of transformations?	
Year 8	**1 – Solve linear equations** What is an equation and what does it mean to 'solve'?	**3 – Perimeter and Area** How can we measure the space inside and around a shape?	**Assessment 1 - Revision** Can we retrieve everything we have learnt so far?	**Relearn** Have we filled in our gaps in knowledge and can apply it to a new set of questions?	**7 – Statistics** How do we interpret and represent statistical data?	**Assessment 2 – Revision** Can we retrieve everything we have learnt this year?
	2 – Linear graphs Can we interpret and form linear equations?	**4 – Sequences** What different types of sequences are there and can we use the Nth Term?	**5 – Estimating and rounding** How do you round and use it in everyday life?	**6 – Multiplicative relationships** How can we solve problems using percentages and proportion?	**8 – Circles** How can we measure the space inside and around a circle?	
Year 9	**1 – Expressions and formulae** How can we simplify algebraic expressions and equations?	**3 – Estimating and rounding** How do you round and use it in everyday life?	**Assessment 1 - Revision** Can we retrieve everything we have learnt so far?	**Relearn** Have we filled in our gaps in knowledge and can apply it to a new set of questions?	**7 – Trigonometry** How can we solve angle and length problems on right-angled triangles?	**Assessment 2 – Revision** Can we retrieve everything we have learnt this year?
	2 – Pythagoras' theorem What is Pythagoras' theorem and how do we use it?	**4 – Angles** How do we calculate missing angles in 1D and 2D?	**5 – Probability** How do we quantify the chances of an event occurring?	**6 – Standard form** What is Standard Form and why do we use them?	**8 – Non-linear relationships** How do we recognise and use non-linear relationships?	

Curriculum Map – Key-Stage 4 (2023-2024)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10 (F)	**1 – Proportion** What is the relationship between numbers in different circumstances?	**3 – Standard Form** What is Standard Form and why do we use them?	**Assessment 1 - Revision** Can we retrieve everything we have learnt so far?	**Relearn** Have we filled in our gaps in knowledge and can apply it to a new set of questions?	**7 – Construction** How do we use mathematical tools to make constructions?	**Assessment 2 – Revision** Can we retrieve everything we have learnt this year?
	2 – Angles in parallel lines How can we calculate missing angles in 1D and 2D?	**4 – Multiplicative relationships** How can we use percentages to solve mathematical problems?	**5 – Statistics** How do we interpret and represent statistical data?	**6 – Angles in Polygons** How can we find the interior and exterior angles in polygons?		
Year 10 (H)	**1 – Proportion** What is the relationship between numbers in different circumstances?	**3 – Standard Form** What is Standard Form and why do we use them?	**Assessment 1 - Revision** Can we retrieve everything we have learnt so far?	**Relearn** Have we filled in our gaps in knowledge and can apply it to a new set of questions?	**7 – Construction** How do we use mathematical tools to make constructions?	**Assessment 2 – Revision** Can we retrieve everything we have learnt this year?
	2 – Angles in parallel lines How can we calculate missing angles in 1D and 2D?	**4 – Multiplicative relationships** How can we use percentages to solve mathematical problems?	**5 – Statistics** How do we interpret and represent statistical data?	**6 – Angles in Polygons** How can we find the interior and exterior angles in polygons?		
Year 11 (F)	**2 – Algebra** How do we use algebra effectively across the curriculum?	**4 – Ratio and proportion** How do we use ratio and proportion across the curriculum?	**5 – Geometry** How do we use geometry across the curriculum?	**Curriculum complete** Revision and personalised curriculum for individual classes based on exam performance.		
	3 – Algebraic graphs How do we interpret and represent algebra on a graph?		**Mocks**			
Year 11 (H)	**2 – Algebra** How do we use algebra effectively across the curriculum?	**4 – Ratio and proportion** How do we use ratio and proportion across the curriculum?	**5 – Geometry** How do we use geometry across the curriculum?	**Curriculum complete** Revision and personalised curriculum for individual classes based on exam performance.		
	3 – Algebraic graphs How do we interpret and represent algebra on a graph?		**Mocks**			