Year 7 Curriculum Overview

TEAM MATHS

George Stephenson High School

Term 1

	Autumn 1					Autumn 2					
	Baseline and Transition	Unit 1: Understanding number	Unit 2: Calculating with Decimals	Revision Skills	Unit 3: Substitution, Simplifying and Expanding	Unit 4: Rounding & Estimating Decimals	Unit 5: Constructing Triangles	Unit 6: Calculating Percentages	Unit 7: Factors, Multiples and Primes	Synoptic Assessment 1	Unit 7: Factors, Multiples and Primes	Maths Week

Term 2

	Spring 1					Spring 2				
	Unit 8: Solving Equations	Unit 9: Properties of Shape and Angles	Revision Skills	Unit 10: Proportional Reasoning	Unit 11: Understanding Risk	Unit 12: Averages and Range	Spring Assessment	Careers Week	Unit 13: Calculating Fractions	Unit 14: Units of Measurement

Term 3

	Summer 1			Summer 2			
	Unit 15: Area and Volume	Unit 16: Coordinates	Unit 17: Exploring FDP	Synoptic Assessment 2	Revision Skills (follow-up from data)	Unit 18: Transformations	Unit 19: Presentation of Data

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 8 Curriculum Overview

TEAM MATHS

George Stephenson High School

Term 1

Autumn 1					Autumn 2				
Unit 1: Negative Numbers	Unit 2: Substitution, Simplifying and Expanding	Unit 3: Investigating Angles	Revision Skills	Unit 4: Standard Form	Assessment	Unit 5: Circles	Unit 6: Solving Equations	Unit 7: Scales and Bearings	Revision Skills and Maths Week

Term 2

Spring 1					Spring 2				
Unit 8: Proportional Reasoning	Synoptic Assessment 1	Unit 9: Volume	Unit 10: Calculating Percentages	Unit 11: Enlargement, Plans and Elevations	Unit 12: Calculating Fractions	Unit 13: Understanding Gradient	Assessment	Careers Week	Unit 14: Inequalities	Revision Skills

Term 3

Summer 1					Summer 2				
Unit 15: Exploring FDP	Unit 16: Sequences	Unit 17: Plotting Graphs	Synoptic Assessment 2	Unit 17: Plotting Graphs	Unit 18: Averages and Range	Unit 19: Presentation of Data	Unit 20: Understanding Risk	Unit 21: Real-life Graphs

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 9 Curriculum Overview

TEAM MATHS

George Stephenson High School

	Autumn 1					Autumn 2			
Term 1	Unit 1: Prime Factors	Unit 2: Powers and Roots	Unit 3: Formulae	Synoptic Assessment 1	Unit 4: Frequency Trees and Two-Way Tables	Unit 5: Solving Equations 1	Unit 6: Pythagoras' Theorem	Unit 7: Compound Units	Unit 8: Column Vectors

	Spring 1				Spring 2				
Term 2	Unit 9: Cumulative Frequency and Box Plots	Unit 10: Linear Graphs	Unit 11: Surface Area	Spring Assessment	Unit 12: Angles in Polygons	Unit 13: Reverse Percentages	Unit 14: Solving Equations 2	Unit 15: Constructions and Loci	Unit 16: Standard Form

	Summer 1			Summer 2				
Term 3	Synoptic Assessment 2	Unit 16: Standard Form	Unit 17: Congruence, Similarity and Trigonometry	Unit 18: Arcs and Sectors	Unit 19: Venn Diagrams	End of Year Assessment	Unit 20: Tree Diagrams	Unit 21: Non-Linear Graphs

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 10F Curriculum Overview

TEAM MATHS

George Stephenson High School

Term 1	Autumn 1					Autumn 2			
	Unit 1: Rounding, Estimation & Error Intervals	Unit 2: Perimeter, Area and Volume	Paper 1F Assessment	Unit 3: Algebraic Manipulation	Unit 4: Standard Form	Unit 5: Properties of Shape, Angle Facts & Angles in Parallel Lines	Unit 6: Indices	Unit 7: Sequences	Unit 8: Ordering FDP

Term 2	Spring 1					Spring 2				
	Paper 2F Assessment	Unit 9: Quadratic Equations and Graphs	Unit 10: Representing Data 1	Unit 11: Changing the Subject	Unit 12: Proportion 1 – Direct & Inverse Proportion	Unit 13: Careers Week – Plans & Elevations	Unit 14: Linear Graphs	Unit 15: Proportion 2 – Compound Measures	Paper 3F/H Assessment	Work Experience

Term 3	Summer 1		Summer 2				
	Unit 16: Right-Angled Triangles	Unit 17: Solving Linear and Simultaneous Equations	Unit 18: Similarity	Unit 19: Percentage Change	MOCK EXAMS	Unit 19: Percentage Change	Unit 20: Transformations

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 10H Curriculum Overview

TEAM MATHS

George Stephenson High School

Term 1	Autumn 1				Autumn 2			
	Unit 1: Rounding, Estimation & Bounds	**Unit 2:** Volume and Surface Area	Paper 1F Assessment	**Unit 3:** Algebraic Manipulation and Introducing Functions	**Unit 4:** Angles: Parallel Lines, Polygons and Circle Theorems 1	**Unit 5:** Indices	**Unit 6:** Sequences	**Unit 7:** Recurring Decimals

Term 2	Spring 1					Spring 2				
	Paper 2F Assessment	**Unit 8:** Quadratic Equations and Graphs	**Unit 9:** Surds	**Unit 10:** Changing the Subject and Inverse Functions	**Unit 11:** Algebraic Proportion	**Unit 12:** Careers Week – Plans & Elevations	**Unit 13:** Linear Graphs and Inequalities	**Unit 14:** Proportional Reasoning	Paper 3F/H Assessment	Work Experience

Term 3	Summer 1			Summer 2				
	Unit 15: Right-Angled Triangles	**Unit 16:** Solving Linear and Quadratic Simultaneous Equations		**Unit 17:** Similarity	**Unit 18:** Composite Functions	MOCK EXAMS	**Unit 19:** Growth and Decay	**Unit 20:** Transformations

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 11F Curriculum Overview

TEAM MATHS

George Stephenson High School

Term 1

Autumn 1					Autumn 2			
Unit 1: Probability	Unit 2: Ratio	Unit 3: Angles in Polygons	Unit 4: Forming Expressions and Equations	Unit 5: Bearings and Scale	MOCK EXAMS	Unit 6: Linear Inequalities	Unit 7: Interpreting Data	Unit 8: Arcs and Sectors

Term 2

Spring 1				Spring 2		
Unit 9: Surface Area and Volume	Unit 10: Right-Angled Triangles	MOCK EXAMS	Unit 11: Cubic and Reciprocal Graphs	Unit 12: Proportion 3	Unit 13: Real-Life Graphs	Unit 14: Constructions and Loci

Term 3

Summer 1	
GCSE REVISION AND SUMMER EXAMS	SUMMER EXAMS

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures

Year 11H Curriculum Overview

Team Maths

George Stephenson High School

Term 1	Autumn 1					Autumn 2			
	Unit 1: Probability	Unit 2: Further Trigonometry	Unit 3: Ratio	Unit 4: Histograms	Unit 5: Cumulative Frequency and Box Plots	MOCK EXAMS	Unit 6: Circle Theorems 2	Unit 7: Exploring Graphs	Unit 8: Circle Geometry

Term 2	Spring 1					Spring 2			
	Unit 9: Vectors and Geometric Proof	Unit 10: Iteration	MOCK EXAMS	Unit 12: Real-Life Graphs	Unit 13: Quadratic Inequalities	Unit 14: Algebraic Fractions	Unit 15: Algebraic Proof	Unit 16: Congruence	Unit 17: Constructions and Loci

Term 3	Summer 1	
	GCSE REVISION AND SUMMER EXAMS	SUMMER EXAMS

Strands of Mathematics

Number	Algebra	Probability	Statistics	Ratio, Proportion & Rates of Change	Geometry & Measures