Subject: Mathematics

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Structure of the exam:

2 exam papers (both non-calculator)

45 minutes each paper (Total of 90 minutes)

45 marks per paper – total of 90 Marks

Topics to be covered in the exam:

Sparx Code	Topic	Done?	Strand
M100	Factorising into one bracket		Algebra
M106	Adding and subtracting with negative numbers		Number
M111	Rounding integers		Number
M135	Calculating with roots and powers		Number
M222	Operations with money		Ratio, Proportion and Rates of Change
M230	Solving shape problems involving coordinates		Algebra
M237	Expanding single brackets		Algebra
M262	Using a written method to divide by integers to get a decimal answer		Number
M269	Finding the area of compound shapes		Geometry

Sparx Code	Topic	Done?	Strand
M276	Shape properties		Geometry
M319	Combining angle facts		Geometry
M322	Finding prime numbers		Number
M335	Ordering fractions		Number
M347	Subtracting integers		Number
M410	Finding equivalent fractions		Number
M431	Rounding decimals		Number
M502	Types of angles		Geometry
M521	Using the correct order of operations		Number
M522	Decimal place value		Number
M531	Simplifying expressions containing multiple variables		Algebra
M601	Converting between mixed numbers and improper fractions		Number
M608	Index rules with positive indices		Number
M610	Finding the area of triangles		Geometry
M618	Reading and plotting coordinates		Algebra
M635	Finding the perimeter of rectangles and simple shapes		Geometry
M671	Simplifying fractions		Number

Sparx Code	Topic	Done?	Strand
M679	Angles in quadrilaterals		Geometry
M690	Finding the perimeter of compound shapes		Geometry
M695	Finding fractions of amounts without a calculator		Number
M698	Finding the highest common factor (HCF)		Number
M704	Integer place value		Number
M705	Finding the area of trapeziums		Geometry
M707	Solving equations with one step		Algebra
M752	Multiples		Number
M792	Expanding single brackets and simplifying expressions		Algebra
M795	Simplifying expressions containing a single variable		Algebra
M803	Using a written method to multiply decimals		Number
M813	Algebraic notation		Algebra
M835	Adding and subtracting fractions		Number
M899	Interpreting frequency tables and two-way tables		Statistics
M920	Finding perimeters using grids		Geometry
M940	Calculating the mean		Statistics
M979	Substituting into real-life formulae		Algebra

Types of question in the exam paper:

A mixture of:

- Short fluency questions (method + answer)
- Multi-step problem solving questions
- Reasoning questions (explain / justify your answer)

Essential subject revision:

Type of revision	Resources needed	Time required
Mind Maps / Summary Sheets Mind maps or 1-page summaries of key methods and facts.	Exercise book/class notes, /knowledge organiser, paper.	30 minutes
Exam Style Question practice Completing mixed exam-style questions under timed conditions.	ROA practice questions, Teams resources	30 minutes

Additional subject revision:

Type of revision	Resources needed	Time required
Recapping Homework content Recapping and correcting SPARX homework.	SPARX (Independent Learning tasks from codes supplied in revision list).	30 minutes
Reteaching Lesson Content	Lesson booklets, lesson slides, worked examples, notes.	30 minutes per lesson
Self-quizzing Using look, cover, write, check for key methods, facts and vocabulary.	Knowledge organiser / revision grid / method cards (if used).	30 minutes