



HEADTEACHER
Mr G Pendlebury
DEPUTY HEADTEACHER
Mr N Maguire

20th April 2026

Dear Parent/Carer

All students in Year 9 will be taking their end of year assessment on the following dates.

Non-Calculator: Tuesday 19th May 2026

Calculator: Thursday 21st May 2026

Below is a list of topics which will be covered in the assessment. In addition there will be a practise paper on Dr Frost for students to complete to aid revision before the assessment. Sparx homework will also been paused.

Class teachers will give at least one lesson to revision before the assessment.

In class revision works best when students have revised at home and have specific questions they need support with.

The following topics will be covered. Students are not expected to go through all topics, but to focus on the ones they struggle with.

Non Calculator Paper Revision Codes		
DFM code	Sparx code	Objective
290a		Identify congruent shapes
268e		Draw a line with equation $x=a$, $y=b$, $y=x$ or $y=-x$
268e		Draw a line with equation $x=a$, $y=b$, $y=x$ or $y=-x$
220a		Increase or decrease an amount by a percentage using chunking
176h		Use multiplicative reasoning in a recipe to determine the amount of an ingredient needed for a new quantity
176l		Use multiplicative reasoning in a recipe to determine if there is enough of a certain ingredient
57e		Calculate a non-unit fraction of a given quantity
50e		Solve an arithmetic problem involving two-steps with addition or subtraction and multiplication
161a		Write a number less than 100 as a product of its prime factors
176m		Use proportion to solve best value problems
(283b)	U257	Drawing scale diagrams of 2D shapes

301d/302d		Order a set of small (302d) and large (301d) numbers written in standard form
304e		Divide numbers in standard form
303b		Add or subtract numbers in standard form (no calculator)
271b		Determine the gradient or y-intercept of a line given its equation
271b		Determine the gradient or y-intercept of a line given its equation
291a		Determine the angle in a shape similar to another one
129b		Calculate an unknown side length on a similar shape
	U187	Constructing triangles when given SSS
(284d)	M232	Construct the bisector of an angle
(456c)	U747	Identify a region indicated by 2 linear inequalities
262a		Recognise alternate, corresponding and co-interior angles
292f		Determine unknown lengths given 2 similar shapes where one is inscribed inside the other.
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Calculator Paper Revision Code		Objective
DFM code		Objective
109a		Measure a non-reflex angle with a protractor
219b		Calculate percentage of an amount less than 100% using decimal multipliers
360f		Solve problems with an upfront fee and regular payments thereafter
360c		Solve problems involving wages and salaries
221c		Solve a multi-step problem in context involving a percentage change and decimal multipliers
301a		Convert a large number to standard form
302b		Convert a small number in standard form into ordinary form
360l		Complete calculations involving mortgages
360l		Complete calculations involving mortgages
	M448	Recognise a direct proportion graph
269a		Determine the y-intercept of line drawn
270e		Determine the gradient of a straight line which is drawn on axes
271a		Write the equation of a line in the form $y=mx+c$ given the gradient and y-intercept
225e		Determine a value in a ratio when the difference between two amounts is given
176n		Solve inverse proportion problems using a scaling method
176n		Solve inverse proportion problems using a scaling method
177b		Use an exchange rate to calculate an amount by dividing
292a		Determine unknown lengths given 2 separate similar shapes
286b/d/e/f		Make an accurate drawing of a parallelogram. Dr Frost codes are for triangles but use the same skills.
284e	U245	Construct a line perpendicular to another line, passing through a given point

471b	U887	show that one triangle is congruent to another one. (Congruence laws)
176o		Complete a table of values for variables in inverse proportion
		Explain assumptions for inverse proportion
	M448	Turn a table of values into an inverse proportion graph
271d		Determine the gradient of a line given its equation in the form $ax + b$

As you are aware students are loosely set into 2 Higher and 1 Core Maths set in year 9. The assessment result gives the possibility of a set change.

Evidence from Year 9 including Sparx homework, teacher input and assessment results will all be considered to help us further set students at GCSE.

Below is a reminder of the equipment students should bring to every maths lesson.

Pen: Black/blue Green	Pencil	Ruler	Rubber	Protractor
Compass	Whiteboard pen	Scientific calculator		

Yours faithfully

Mrs A Bansal
Maths Department