Ormiston **Meridian** Academy

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Ormiston Academies Trust
AN OAT ACADEMY

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Subject: Mathematics	Year 9 Curriculum Map 2025 - 26	
Week Commencing	**Topic (including links to additional resources)**	**Assessment Window**
Staff INSET 01/09 Students Return 02/09 08/09/2025 15/09/2025	**Algebra 4 - Linear equations** • Equality • One-step equations with addition and subtraction • One-step equations with multiplication and division • Two-step equations • Equations with unknowns on both sides • Equations with brackets • Equations with fractions and decimals *(most able only)* • Forming and solving equations **Sparx codes:** M707, M634, M647, M855, M554, M902, M509, M957	1 Learning checkpoint
22/09/2025 29/09/2025 06/10/2025	**Geometry and measure 2 - Polygons and angles** • Recap - Missing angles • Vertically opposite angles • Angles in a triangle • Angles in a quadrilateral • Special quadrilaterals • Symmetry • Using properties of quadrilaterals *(most able only)* • Polygons • Interior angles in polygons • Parallel lines • Angles and algebra *(most able only)* • Bearings **Sparx codes:** M818, M163, M351, M679, M523, M276, M653, M606, M260	2 Learning checkpoints
13/10/2025 20/10/2025	**Number and Proportion 10 - Proportional reasoning** • Direct proportion • Inverse proportion • Identifying proportion • Value for money • Exchange rates • Recipes • Scale factors • Enlargement and similarity • Decimal multipliers • Percentage increase and decrease • Percentage change	

Ormiston Meridian Academy is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

Eco-Schools   FAIR ACTIVE SCHOOL   Healthy School   DofE   QUALITY IN CAREERS STANDARD   Young Engineers   ssat the schools, students and teachers network   The OAKS   allsorts LGBT+ Allyship Programme

	Sparx codes: *M478, M681, M377, M324, M124, M139, M290, M910, M178, M533*	
October Half Term		
03/11/2025	**Number and Proportion 10 - Proportional reasoning** • Direct proportion • Inverse proportion • Identifying proportion • Value for money • Exchange rates • Recipes • Scale factors • Enlargement and similarity • Decimal multipliers • Percentage increase and decrease • Percentage change *Sparx codes:* *M478, M681, M377, M324, M124, M139, M290, M910, M178, M533*	2 Learning checkpoints
10/11/2025		AR1
17/11/2025		AR1
24/11/2025 01/12/2025 08/12/2025	**Number and Proportion 11 - Ratio** • Writing ratio • Simplifying ratio • Equivalent ratios • Ratios in 1 : n • Maps, models and scales • Ratio and fractions • Finding ratios • Sharing into ratios • Ratios and differences • The Golden Ratio *(most able enrichment)* *Sparx codes:* *M885, M543, M112, M267, M525*	1 Learning checkpoint
15/12/2025	**Geometry and measure 3 - Area** • Area of rectilinear shapes • Units • Area of parallelograms • Area of triangles • Area of a trapezium • Using triangle area • Mixed area and perimeter • Geometric problems with equations *(most able only)* • Circumference of a circle • Area of a circle *Sparx codes:* *M920, M390, M900, M610, M705, M996, M269, M690, M169, M231*	
Christmas Break		
05/01/2026	**Geometry and measure 3 - Area** • Area of rectilinear shapes	1 Learning checkpoint

Date	Content	Assessment
12/01/2026	- Units - Area of parallelograms - Area of triangles - Area of a trapezium - Using triangle area - Mixed area and perimeter - Geometric problems with equations *(most able only)* - Circumference of a circle - Area of a circle ***Sparx codes:*** *M920, M390, M900, M610, M705, M996, M269, M690, M169, M231*	
19/01/2026 26/01/2026	**Algebra 5 – Formulae** - Substitution - Using formulae - Sequences and shapes - Forming and solving equations - Changing the subject - Kinematics *(most able only)* ***Sparx codes:*** *M417, M327, M979, M208, M983, M242*	1 Learning checkpoint
02/02/2026		AR2
09/02/2026		AR2
February Half Term		
23/02/2026 02/03/2026 09/03/2026	**Algebra 6 - The Cartesian grid** - Coordinates in the first quadrant *(LAT only)* - Coordinates in four quadrants - Midpoints - Introducing linear graphs - Graphs parallel to the axis - Plotting linear graphs - Quadratic graphs *(most able only)* - Solving equations with graphs *(most able only)* - Gradients - $y = mx + c$ - Equations of lines - Sketching graphs *(most able only)* - Parallel graphs ***Sparx codes:*** *M618, M230, M622, M797, M932, M658, M544*	1 Learning checkpoint
16/03/2026 23/03/2026	**Statistics and Probability 2 - Bivariate data** - Reading scatter graphs - Drawing scatter graphs - Correlation - Interpreting scatter graphs - Lines of best fit - Time series ***Sparx codes:*** *M769, M596*	1 Learning checkpoint
Easter Break		

13/04/2026
 	
20/04/2026
	Algebra 7 – Sequences
	   • Generating sequences
	   • Linear sequences
	   • Nth term
	   • Picture sequences
	   • Non-linear sequences *(most able only)*
	   • Special sequences
	
	Sparx codes:
	M381, M241, M166, M991, M981
		1 Learning checkpoint

27/04/2026
 	
04/05/2026
	Algebra 8 - Linear inequalities
	   • Inequality notation
	   • Restrictive inequalities
	   • Error intervals
	   • Linear inequalities
	   • Solving restrictive inequalities
	   • Negative inequalities *(most able only)*
	   • Inequality systems *(most able only)*
	   • Contextual inequalities *(most able only)*
	   • Graphical inequalities *(most able only)*
	
	Sparx codes:
	M384, M118, M732
		1 Learning checkpoint

11/05/2026
 	
18/05/2026
	Number and Proportion 12 - Standard form
	   • Writing large numbers
	   • Writing small numbers
	   • Large and small numbers in standard form
	   • Adjusting and ordering standard form
	   • Multiplying standard form
	   • Dividing standard form
	   • Adding and subtracting standard form
	   • Problems with standard form *(most able only)*
	
	Sparx codes:
	U330, U534, U264, U264, U290
		1 Learning checkpoint

May Half Term		

01/06/2026
 	
08/06/2026
	Geometry and measure 5 - Right-angled triangles
	   • Exploring Pythagoras
	   • Pythagoras Theorem
	   • Hidden right-angled triangles *(most able only)*
	   • Distance between two points *(most able only)*
	   • Proving right-angled triangles
	   • Exact Pythagoras *(most able only)*
	   • Introducing trigonometry
	   • Labelling triangles
	   • Tangent
	   • Sine and cosine
	   • Choosing ratios
	   • Problems with trigonometry *(most able only)*
	   • Applied trigonometry *(most able only)*
	   • Trigonometry or Pythagoras
	   • Exact trigonometry values *(most able only)*
	
	Sparx codes:
	M677, M480, M380, M212, M646	

15/06/2026		ROA

22/06/2026		ROA
29/06/2026		ROA
06/07/2026	**Geometry and measure 5 - Right-angled triangles** • Exploring Pythagoras • Pythagoras Theorem • Hidden right-angled triangles *(most able only)* • Distance between two points *(most able only)* • Proving right-angled triangles • Exact Pythagoras *(most able only)* • Introducing trigonometry • Labelling triangles • Tangent • Sine and cosine • Choosing ratios • Problems with trigonometry *(most able only)* • Applied trigonometry *(most able only)* • Trigonometry or Pythagoras • Exact trigonometry values *(most able only)* *Sparx codes:* *M677, M480, M380, M212, M646*	2 Learning checkpoints
13/07/2026 20/07/2026	**Statistics and Probability 3 - Introducing probability** • Listing outcomes • Product rule for counting *(most able only)* • Probability scales • Probability experiments • Relative frequency • Theoretical probability • Mutual exclusivity • Sample spaces • Frequency trees • Two-way tables • Venn diagrams *Sparx codes:* *M655, M332, M938, M206, M755, M718, M899, M829, M419*	1 Learning checkpoint