Ormiston **Meridian** Academy

[OAT] Ormiston Academies Trust
AN OAT ACADEMY

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Principal: Mrs C Stanyer

Subject: Mathematics (Higher)	Year 11 Curriculum Map 2025 - 26	
Week Commencing	**Topic (including links to additional resources)**	**Assessment Window**
Staff INSET 01/09 Students Return 02/09	**Similarity and congruency** • Similar shapes • Congruency • Similarity with area and volume • Congruent transformations • Combined transformations • Enlargement (negative and fractional)	
08/09/2025		Learning checkpoint
15/09/2025	**Triangle measures** • Right-angled trigonometry • Applications of Pythagoras' • Exact trigonometric values • 3D Pythagoras' and trigonometry • Sine rule • Cosine rule • Sine rule for area	
22/09/2025		
29/09/2025		
06/10/2025		Learning checkpoint
13/10/2025	**Functions, graphs and coordinate geometry** • Plotting linear, quadratic, cubic and reciprocal graphs • Exponential graphs • Equations of straight lines • Perpendicular and parallel lines • Regions	
20/10/2025		
October Half Term		
03/11/2025	**Functions, graphs and coordinate geometry** • Equations of circles • Tangents to circles • Transformations of graphs • Composite and inverse functions	Learning checkpoint
10/11/2025	**Statistics** • Changing the mean • Averages from tables • Capture-recapture • Scatter graphs	AR1
17/11/2025		AR1

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

Date	Topic	
24/11/2025	• Frequency polygons • Cumulative frequency • Box plots • Histograms	
01/12/2025		
08/12/2025		Learning checkpoint
15/12/2025	**Measures and movement** • Speed recall • Density • Pressure • Estimating gradients	
Christmas Break		
05/01/2026	**Measures and movement**	
12/01/2026	• Area under a graph • Loci • Vector arithmetic • Vector proof	AR2
19/01/2026		AR2
26/01/2026	**Probability** • Relative frequency	AR2
02/02/2026	• Product rule • Two-way tables • Venn diagrams • Tree diagrams	
09/02/2026	• Conditional probability • Probability with algebra	Learning checkpoint
February Half Term		
23/02/2026	**Shape** • Area and circumference	
02/03/2026	• Arc length and perimeter • Sector area • Volume of prisms (including cylinders) • Surface area of prisms (including cylinders) • Cones, spheres and pyramids	Learning checkpoint
09/03/2026	**Advanced algebra** • Linear equations with fractions	
16/03/2026	• Expanding triple brackets • Algebraic fractions • Algebraic proof • Linear and quadratic inequalities • Inverse functions • Composite functions	Learning checkpoint
23/03/2026	**Advanced number and proportion** • Reverse fractions • Fractions and ratio problems • Rationalising denominators • Recurring decimals	

		Learning checkpoint
Easter Break		
13/04/2026	**Advanced number and proportion** • Growth and decay • Direct proportion equations • Inverse proportion equations	
20/04/2026		
27/04/2026		
04/05/2026		GCSE
11/05/2026		GCSE
18/05/2026		GCSE
May Half Term		
01/06/2026		GCSE
08/06/2026		GCSE
15/06/2026		GCSE
22/06/2026		
29/06/2026		
06/07/2026		
13/07/2026		
20/07/2026		