

Rugby Free Secondary School: Home Learning Summary (Term 1 2025-26)

Subject	Maths
Director of Learning	Gerald Telfer
Date Range	Half-Term 1: Monday 8th September 2025 - Friday 24th October 2025

Year Group	Year 7	Year 8	Year 9	Year 10		Year 11	
Topic	➤ Arithmetic procedures ➤ Place value ➤ Calculator skills ➤ Negative Numbers	➤ Algebraic inequalities ➤ Rounding, estimation and bounds ➤ Sequences ➤ Linear graphs	➤ Indices ➤ Standard form ➤ Surds ➤ Pythagoras	Foundation Ratio Proportion Data Pie Charts Scatter Graphs	Higher Representing and interpreting data and scatter graphs Graphs: the basics and real-life graphs Linear graphs and coordinate geometry	Foundation Quadratics Perimeter, area & volume Similarity & congruence, Vectors, Rearranging Equations, Simultaneous Equations Non-linear graphs	Higher Vectors Proof Non-linear graphs Area under a curve Gradient of a curve Direct & inverse proportion

Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts
Support Mechanism	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher

Subject	Maths
Director of Learning	Gerald Telfer
Date Range	Half-Term 2

Year Group	Year 7	Year 8	Year 9	Year 10		Year 11
Topic	➤ Number Properties ➤ Algebra Skills	➤ Fractions, Decimals & percentages ➤ Circles ➤ Ratio & Proportion	➤ Bearings ➤ Trigonometry ➤ Compound Measures ➤ Equations & Simultaneous Equations	Foundation • Equations and inequalities • Sequences • Statistics, Sampling and Averages • Properties of shapes & angle facts	Higher • Quadratic, cubic and other graphs • Polygons, angles and parallel lines • Transformations	All Classes Bespoke content based on PPE Feedback

					• Constructions, loci and bearings	
Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	Paper based exam questions
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online or on paper, communicated via ClassCharts	
Support Mechanism	Inbuilt support on MyMaths	Inbuilt support on MyMaths	Inbuilt support on MyMaths	Inbuilt support on DrFrost Maths	Inbuilt support on DrFrost Maths	
	Talk to class teacher	Talk to class teacher	Talk to class teacher	Talk to class teacher	Talk to class teacher	

Subject	Maths
Director of Learning	Gerald Telfer
Date Range	Half-Term 3

Year Group	Year 7	Year 8	Year 9	Year 10	Year 11
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Topic	➤ Coordinates ➤ Units of Measure ➤ Perimeter and Area	➤ Angles ➤ Congruence and constructions and loci ➤ Nets and Plans and Elevation	➤ Volume & Surface Area ➤ Data Representation	Foundation •Interior and exterior angles of polygons •Indices and standard form •Real-life graphs	Higher • Perimeter, area and circles • 3D forms and volume, cylinders, cones and spheres • Accuracy and bounds • Multiplicative Reasoning	All Classes Bespoke content based on PPE Feedback
Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	
Support Mechanism	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher	

Subject	Maths
Director of Learning	Gerald Telfer

Date Range	Half-Term 4				
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Year Group	Year 7	Year 8	Year 9	Year 10		Year 11
Topic	➤ Data ➤ Fractions	➤ Volume and Surface Area ➤ Handling Data	➤ Probability ➤ Transformations ➤ Non-Linear Graphs	Foundation Straight-line graphs • Perimeter, area and volume	Higher • Solving quadratics and simultaneous equations • Inequalities • Probability	All Classes Bespoke content based on PPE Feedback
Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class		Weekly tasks set on DrFrost Maths appropriate to the class
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts		Online, communicated via ClassCharts
Support Mechanism	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher		Inbuilt support on DrFrost Maths Talk to class teacher

Subject	Maths
Director of Learning	Gerald Telfer

Date Range	Half-Term 5				
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Year Group	Year 7	Year 8	Year 9	Year 10		Year 11
Topic	➤ Probability ➤ Angles	➤ Solving equations and inequalities ➤ Product of binomials	To be reviewed	Foundation Multiplicative reasoning: more percentages, rates of change, compound measures Transformations Right-angled triangles: Pythagoras and trigonometry	Higher • Collecting data • Circle theorems • Circle geometry	All Classes Bespoke content based on PPE Feedback
Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class		Weekly tasks set on DrFrost Maths appropriate to the class
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts		Online, communicated via ClassCharts
Support Mechanism	Inbuilt support on MyMaths	Inbuilt support on MyMaths	Inbuilt support on MyMaths	Inbuilt support on DrFrost Maths		Inbuilt support on DrFrost Maths
	Talk to class teacher	Talk to class teacher	Talk to class teacher	Talk to class teacher		Talk to class teacher

Subject	Maths
Director of Learning	Gerald Telfer
Date Range	Half-Term 6

Year Group	Year 7	Year 8	Year 9	Year 10	
Topic	➤ Transformations ➤ Review of year	➤ Non-linear sequences and graphs ➤ Review of year	TBC	Foundation Probability Plans and elevations Constructions, loci and bearings Quadratic equations: expanding and factorising	Higher • Graphs of trigonometric functions • Further trigonometry • Similarity and congruence in 2D and 3D
Home Learning Tasks	Weekly tasks set on MyMaths appropriate to the class.	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on MyMaths appropriate to the class	Weekly tasks set on DrFrost Maths appropriate to the class	
Format	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	Online, communicated via ClassCharts	
Support Mechanism	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on MyMaths Talk to class teacher	Inbuilt support on DrFrost Maths Talk to class teacher	