

Clifford Holroyde Maths Curriculum Overview

Our mathematics curriculum follows the White Rose Maths framework, ensuring a comprehensive and structured approach to learning. However, teachers are encouraged to exercise professional judgment and adapt the curriculum to meet the diverse needs and abilities of our students. This flexibility allows us to tailor instruction, ensuring that each student is challenged appropriately and supported in their learning journey.

	Year 7 (Year 4/5/6)	Year 8 (Year 5/6/7)	Year 9 (Year 6/7/8)	Year 10 (Year 7/8/9/10)	Year 11 (Year 8/9/10/11)
Autumn Term	<p>WRM Year 4</p> <ul style="list-style-type: none"> Place value Addition and subtraction Area Multiplication and division <p>WRM Year 5</p> <ul style="list-style-type: none"> Place value Addition and subtraction Multiplication and division Fraction <p>WRM Year 6</p> <ul style="list-style-type: none"> Place value Addition, subtraction, multiplication and division Fractions Converting units 	<p>WRM Year 5</p> <ul style="list-style-type: none"> Place value Addition and subtraction Multiplication and division Fraction <p>WRM Year 6</p> <ul style="list-style-type: none"> Place value Addition, subtraction, multiplication and division Fractions Converting units <p>WRM Year 7</p> <ul style="list-style-type: none"> Sequences Understand & use algebraic notation Equality & equivalence Place value & ordering integers & decimals Fraction, decimal & percentage equivalence 	<p>WRM Year 6</p> <ul style="list-style-type: none"> Place value Addition, subtraction, multiplication and division Fractions Converting units <p>WRM Year 7</p> <ul style="list-style-type: none"> Sequences Understand & use algebraic notation Equality & equivalence Place value & ordering integers & decimals Fraction, decimal & percentage equivalence <p>WRM Year 8</p> <ul style="list-style-type: none"> Ratio & Scale Multiplicative change Multiplying & dividing fractions Working in the Cartesian plane Representing data Tables and Probability 	<p>WRM Year 7</p> <ul style="list-style-type: none"> Sequences Understand & use algebraic notation Equality & equivalence Place value & ordering integers & decimals Fraction, decimal & percentage equivalence <p>WRM Year 8</p> <ul style="list-style-type: none"> Ratio & Scale Multiplicative change Multiplying & dividing fractions Working in the Cartesian plane Representing data Tables and Probability <p>WRM Year 9</p> <ul style="list-style-type: none"> Straight line graphs Forming & solving equations Test conjectures Three dimensional shapes Constructions & congruency <p>WRM Year 10</p> <ul style="list-style-type: none"> Congruence, similarity & enlargement Trigonometry Representing solutions of equations & inequalities Simultaneous equations 	<p>WRM Year 8</p> <ul style="list-style-type: none"> Ratio & Scale Multiplicative change Multiplying & dividing fractions Working in the Cartesian plane Representing daAnimated films Inside Out 2 Despicable Me 4 Robot Dreams Kensuke's Kingdom The Wild Robot Recent Releases for Older Students Back To Black The Fall Guy A Quiet Place: Part One Kingdom Of The Planet Of The Apes Outstanding Documentaries from 2024 Blur: To The End Food Inc. 2 All That Breathes Wilding Copa 71 Classic Titles The Lavender Hill Mob Made In England: The Films of Powell & Pressburger ta Tables and Probability <p>WRM Year 9</p> <ul style="list-style-type: none"> Straight line graphs Forming & solving equations Test conjectures Three dimensional shapes Constructions & congruency <p>WRM Year 10</p> <ul style="list-style-type: none"> Congruence, similarity & enlargement Trigonometry Representing solutions of equations & inequalities Simultaneous equations <p>WRM Year 11</p> <ul style="list-style-type: none"> Gradients & lines

					<ul style="list-style-type: none"> • Non-linear graphs • Using graphs • Expanding & factorising • Changing the subject • Functions
Spring Term	<p>WRM Year 4</p> <ul style="list-style-type: none"> • Multiplication and division • Length and perimeter • Fractions • Decimals <p>WRM Year 5</p> <ul style="list-style-type: none"> • Multiplication and division • Fractions • Decimals and percentages • Perimeter and area • Statistics <p>WRM Year 6</p> <ul style="list-style-type: none"> • Ratio • Algebra • Decimals • Fractions, decimals and percentages • Area, perimeter and volume • Statistics 	<p>WRM Year 5</p> <ul style="list-style-type: none"> • Multiplication and division • Fractions • Decimals and percentages • Perimeter and area • Statistics <p>WRM Year 6</p> <ul style="list-style-type: none"> • Ratio • Algebra • Decimals • Fractions, decimals and percentages • Area, perimeter and volume • Statistics <p>WRM Year 7</p> <ul style="list-style-type: none"> • Solving problems with addition & subtraction • Solving problems with multiplication & division • Fractions & percentages of amounts • Operations & equations with directed number • Addition & subtraction of fractions 	<p>WRM Year 6</p> <ul style="list-style-type: none"> • Ratio • Algebra • Decimals • Fractions, decimals and percentages • Area, perimeter and volume • Statistics <p>WRM Year 7</p> <ul style="list-style-type: none"> • Solving problems with addition & subtraction • Solving problems with multiplication & division • Fractions & percentages of amounts • Operations & equations with directed number • Addition & subtraction of fractions <p>WRM Year 8</p> <ul style="list-style-type: none"> • Brackets, equations & inequalities • Sequences • Indices • Fractions & percentages • Standard index form • Number sense 	<p>WRM Year 7</p> <ul style="list-style-type: none"> • Solving problems with addition & subtraction • Solving problems with multiplication & division • Fractions & percentages of amounts • Operations & equations with directed number • Addition & subtraction of fractions <p>WRM Year 8</p> <ul style="list-style-type: none"> • Brackets, equations & inequalities • Sequences • Indices • Fractions & percentages • Standard index form • Number sense <p>WRM Year 9</p> <ul style="list-style-type: none"> • Numbers • Using percentages • Maths & money • Deduction • Rotation & translation • Pythagoras' theorem <p>WRM Year 10</p> <ul style="list-style-type: none"> • Angles & bearings • Working with circles • Vectors • Ratios & fractions • Percentages & interest • Probability 	<p>WRM Year 8</p> <ul style="list-style-type: none"> • Brackets, equations & inequalities • Sequences • Indices • Fractions & percentages • Standard index form • Number sense <p>WRM Year 9</p> <ul style="list-style-type: none"> • Numbers • Using percentages • Maths & money • Deduction • Rotation & translation • Pythagoras' theorem <p>WRM Year 10</p> <ul style="list-style-type: none"> • Angles & bearings • Working with circles • Vectors • Ratios & fractions • Percentages & interest • Probability <p>WRM Year 11</p> <ul style="list-style-type: none"> • Multiplicative reasoning • Geometric reasoning • Algebraic reasoning • Transforming & construction • Listing & describing • Show that...
Summer Term	<p>WRM Year 4</p> <ul style="list-style-type: none"> • Decimals • Money • Time • Shape • Statistics • Position and direction <p>WRM Year 5</p> <ul style="list-style-type: none"> • Shape • Position and direction • Decimals • Negative numbers • Converting Units • Volume <p>WRM Year 6</p> <ul style="list-style-type: none"> • Shape • Position and direction • Themed project, consolidation and problem solving 	<p>WRM Year 5</p> <ul style="list-style-type: none"> • Shape • Position and direction • Decimals • Negative numbers • Converting Units • Volume <p>WRM Year 6</p> <ul style="list-style-type: none"> • Shape • Position and direction • Themed project, consolidation and problem solving <p>WRM Year 7</p> <ul style="list-style-type: none"> • Constructing measuring & using geometric notation • Developing geometric reasoning • Developing number sense • Sets & probability • Prime numbers and proof 	<p>WRM Year 6</p> <ul style="list-style-type: none"> • Shape • Position and direction • Themed project, consolidation and problem solving <p>WRM Year 7</p> <ul style="list-style-type: none"> • Constructing measuring & using geometric notation • Developing geometric reasoning • Developing number sense • Sets & probability • Prime numbers and proof <p>WRM Year 8</p> <ul style="list-style-type: none"> • Angles in parallel lines & polygons • Area of trapezia & circles • Line of symmetry & reflection • The data handling cycle 	<p>WRM Year 7</p> <ul style="list-style-type: none"> • Constructing measuring & using geometric notation • Developing geometric reasoning • Developing number sense • Sets & probability • Prime numbers and proof <p>WRM Year 8</p> <ul style="list-style-type: none"> • Angles in parallel lines & polygons • Area of trapezia & circles • Line of symmetry & reflection • The data handling cycle • Measures of location <p>WRM Year 9</p> <ul style="list-style-type: none"> • Enlargement & similarity • Solving ratio & proportion problems • Rates • Probability 	<p>WRM Year 8</p> <ul style="list-style-type: none"> • Angles in parallel lines & polygons • Area of trapezia & circles • Line of symmetry & reflection • The data handling cycle • Measures of location <p>WRM Year 9</p> <ul style="list-style-type: none"> • Enlargement & similarity • Solving ratio & proportion problems • Rates • Probability • Algebraic representation <p>WRM Year 10</p> <ul style="list-style-type: none"> • Collecting, representing & interpreting data • Non-calculator methods • Types of number & sequences • Indices & roots • Manipulating expressions <p>WRM Year 11</p> <ul style="list-style-type: none"> • Revision and Examinations

			<ul style="list-style-type: none"> • Measures of location 	<ul style="list-style-type: none"> • Probability • Algebraic representation <p>WRM Year 10</p> <ul style="list-style-type: none"> • Collecting, representing & interpreting data • Non-calculator methods • Types of number & sequences • Indices & roots • Manipulating expressions 	
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*If a student is working below the levels set out in the curriculum planning, they will be enrolled in an intervention program. This program is designed to provide targeted support and help bridge gaps in understanding, ensuring that all students have the opportunity to succeed and progress in their mathematical learning.