



Martley CE Primary School and Pre-School

Whole School Mathematics Curriculum Overview and Year Group Long Term Plans

Mathematical Terms

Declarative Knowledge – **facts** and knowledge of relationships between facts (concepts)

Procedural Knowledge – **methods** and knowledge of relationships between facts, steps and missing facts (principles and mechanisms)

Conditional Knowledge – **strategies** and knowledge of relationships between known information, strategy choices and unknown information (reasoning)

Our mathematics scheme of learning has been carefully designed and implemented for the mastery approach. Resources are adapted from White Rose Maths Scheme of Learning and embedded into 'Maths the Martley Way' Below are the topics covered for each year group throughout the year.



Reception Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Getting to know you		Match, sort and compare FREE TRIAL <i>Free trial</i> VIEW	Talk about measure and patterns VIEW	It's me 1, 2, 3 VIEW		Circles and triangles VIEW	1, 2, 3, 4, 5 VIEW	Shapes with 4 sides VIEW			
Spring	Alive in 5 VIEW	Mass and capacity VIEW	Growing 6, 7, 8 VIEW	Length, height and time VIEW	Building 9 and 10 VIEW	Explore 3-D shapes VIEW						
Summer	To 20 and beyond VIEW	How many now? VIEW	Manipulate, compose and decompose VIEW	Sharing and grouping VIEW	Visualise, build and map VIEW	Make connections VIEW	Consolidation					



Year One Overview

Autumn	Number Place value (within 10) FREE TRIAL VIEW		Number Addition and subtraction (within 10) VIEW		Geometry Shape VIEW	Consolidation		
	Number Place value (within 20) VIEW		Number Addition and subtraction (within 20) VIEW		Number Place value (within 50) VIEW	Measurement Length and height VIEW	Measurement Mass and volume VIEW	
Spring	Number Multiplication and division VIEW		Number Fractions VIEW	Geometry Position and direction VIEW	Number Place value (within 100) VIEW	Measurement Money VIEW	Measurement Time VIEW	Consolidation



Year Two Overview

Autumn

Number

Place value

FREE TRIAL

Free trial

[VIEW](#)

Number

Addition and subtraction

[VIEW](#)

Geometry

Shape

[VIEW](#)

Spring

Measurement

Money

[VIEW](#)

Number

Multiplication and division

[VIEW](#)

Measurement

Length and height

[VIEW](#)

Measurement

Mass, capacity and temperature

[VIEW](#)

Summer

Number

Fractions

[VIEW](#)

Measurement

Time

[VIEW](#)

Statistics

[VIEW](#)

Geometry

Position and direction

[VIEW](#)

Consolidation



Year Three Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value FREE TRIAL <i>Free trial</i> VIEW			Number Addition and subtraction VIEW				Number Multiplication and division A VIEW				
Spring	Number Multiplication and division B VIEW			Measurement Length and perimeter VIEW		Number Fractions A VIEW		Measurement Mass and capacity VIEW				
Summer	Number Fractions B VIEW		Measurement Money VIEW		Measurement Time VIEW			Geometry Shape VIEW		Statistics VIEW		Consolidation



Year Four Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Number Place value FREE TRIAL			Free trial VIEW	Number Addition and subtraction VIEW			Measurement Area VIEW	Number Multiplication and division A VIEW				Consolidation
Spring	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions VIEW			Number Decimals A VIEW					
Summer	Number Decimals B VIEW	Measurement Money VIEW	Measurement Time VIEW		Consolidation		Geometry Shape VIEW	Statistics VIEW	Geometry Position and direction VIEW				



Year Five Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value FREE TRIAL VIEW		<i>Free trial</i> VIEW	Number Addition and subtraction VIEW		Number Multiplication and division A VIEW			Number Fractions A VIEW			
Spring	Number Multiplication and division B VIEW			Number Fractions B VIEW		Number Decimals and percentages VIEW			Measurement Perimeter and area VIEW		Statistics VIEW	
Summer	Geometry Shape VIEW			Geometry Position and direction VIEW		Number Decimals VIEW			Number Negative numbers VIEW	Measurement Converting units VIEW		Measurement Volume VIEW



Year Six Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value FREE TRIAL VIEW	Free trial Number Addition, subtraction, multiplication and division VIEW					Number Fractions A VIEW	Number Fractions B VIEW	Measurement Converting units VIEW			
Spring	Number Ratio VIEW	Number Algebra VIEW	Number Decimals VIEW	Number Fractions, decimals and percentages VIEW	Measurement Area, perimeter and volume VIEW	Statistics VIEW						
Summer	Geometry Shape VIEW	Geometry Position and direction VIEW	Themed projects, consolidation and problem solving VIEW									