Maths Long Term Plan

Pre-School

At Worth Valley Primary School, maths is woven into daily activities through engaging songs and stories that introduce numbers and shapes in a fun, memorable way. Singing number songs helps children develop early counting skills, while stories featuring shapes and numbers support their understanding of basic mathematical concepts. Pattern recognition and sequencing are encouraged through art and provision activities, where children explore simple patterns using colours and shapes, building a foundation for early mathematical thinking. Jigsaw puzzles and craft sessions incorporate shape exploration, as children piece together puzzles or create shape-based crafts. These hands-on activities foster shape recognition and spatial awareness, laying essential groundwork for Nursery.

Maths Long Term Plan

Nursery

Comparison 1 More than, fewer than, same VIEW	**Shape, space and measure 1** Explore and build with shapes and objects VIEW	**Pattern 1** Explore repeats VIEW	**Counting 1** Hear and say number names VIEW	**Counting 2** Begin to order number names VIEW	**Subitising 1** I see 1, 2, 3 VIEW
Pattern 2 Join in with repeats VIEW	**Shape, space and measure 2** Explore position and space VIEW	**Subitising 2** Show me 1, 2, 3 VIEW	**Counting 3** Move and label 1, 2, 3 VIEW	**Shape, space and measure 3** Explore position and routes VIEW	**Pattern 3** Explore patterns VIEW
Counting 4 Take and give 1, 2, 3 VIEW	**Shape, space and measure 4** Match, talk, push and pull VIEW	**Subitising 3** Talk about dots VIEW	**Comparison 2** Compare and sort collections VIEW	**Pattern 4** Lead on own repeats VIEW	**Shape, space and measure 5** Start to puzzle VIEW
Pattern 5 Making patterns together	**Subitising 4** Make games and actions	**Counting 5** Show me 5	**Pattern 6** My own pattern	**Counting 6** Stop at 1, 2, 3, 4, 5	**Comparison 3** Match, sort, compare

Maths Long Term Plan

Reception

	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 term	Getting to know you		Match, sort and compare FREE TRIAL 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 term	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 term	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

Maths Long Term Plan

Year 1

	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 term	Number — **Place value** (within 10) FREE TRIAL — VIEW					Number — **Addition and subtraction** (within 10) — VIEW					Geometry Shape — VIEW	Consolidation
Spring term	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	
Summer term	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

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Year 2

	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 term	Number **Place value** FREE TRIAL VIEW				Number **Addition and subtraction** VIEW					Geometry **Shape** VIEW		
Spring term	Measurement **Money** VIEW	Number **Multiplication and division** VIEW						Measurement **Length and height** VIEW		Measurement **Mass, capacity and temperature** VIEW		
Summer term	Number **Fractions** VIEW			Measurement **Time** VIEW			Statistics **Statistics** VIEW		Geometry **Position and direction** VIEW	Consolidation		

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Year 3

	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 term	Number — Place value FREE TRIAL — VIEW			Number — Addition and subtraction — VIEW					Number — Multiplication and division A — VIEW			
Spring term	Number — Multiplication and division B — VIEW			Measurement — Length and perimeter — VIEW			Number — Fractions A — VIEW			Measurement — Mass and capacity — VIEW		
Summer term	Number — Fractions B — VIEW		Measurement — Money — VIEW		Measurement — Time — VIEW			Geometry — Shape — VIEW		Statistics — VIEW		Consolidation

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Year 4

	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 term	Number **Place value** FREE TRIAL			VIEW	Number **Addition and subtraction**		VIEW	Measurement Area VIEW	Number **Multiplication and division A**		VIEW	Consolidation
Spring term	Number **Multiplication and division B**		VIEW	Measurement **Length and perimeter** VIEW	Number **Fractions**			VIEW	Number **Decimals A**			VIEW
Summer term	Number **Decimals B** VIEW	Measurement **Money** VIEW	Measurement **Time** VIEW	Consolidation	Geometry **Shape** VIEW		Statistics VIEW	Geometry **Position and direction** VIEW				

Maths Long Term Plan

Year 5

	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 term	Number — **Place value** FREE TRIAL			Number — **Addition and subtraction**		Number — **Multiplication and division A**			Number — **Fractions A**			
Spring term	Number — **Multiplication and division B**			Number — **Fractions B**		Number — **Decimals and percentages**			Measurement — **Perimeter and area**		**Statistics**	
Summer term	Geometry — **Shape**			Geometry — **Position and direction**		Number — **Decimals**			Number — Negative numbers	Measurement — **Converting units**		Measurement — Volume

VIEW (for each unit)

Maths Long Term Plan

Year 6

	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 term	Number **Place value** FREE TRIAL VIEW		Number **Addition, subtraction, multiplication and division** VIEW					Number **Fractions A** VIEW		Number **Fractions B** VIEW		Measurement Converting units VIEW
Spring term	Number **Ratio** VIEW		Number **Algebra** VIEW		Number **Decimals** VIEW		Number Fractions, decimals and percentages VIEW		Measurement Area, perimeter and volume VIEW		**Statistics** VIEW	
Summer term	Geometry **Shape** VIEW		Geometry Position and direction VIEW	**Themed projects, consolidation and problem solving** VIEW								