The Magdalen
Church of England /
Methodist Primary School

Maths Long Term Plan

At the Magdalen School Church of England/Methodist Primary School, Maths is taught in a mastery approach, supported by the Mastery Scheme: Maths – No Problem!

Why this lesson at this time?

Each lesson is carefully sequenced to ensure that learning builds upon prior knowledge and introduces variation, representation and structure in order to maximise children's learning and understanding. Lessons are planned coherently, underpinning Rosenshine's Principles of Instruction, to introduce new material in small steps, with appropriate scaffolds.

In addition to the maths lesson, each class has a short fluency session, to ensure dedicated time to teach the systematic development of number facts.

EYFS

In EYFS (reception), the daily maths activities are made up of whole class teaching, small group teaching, group practice and independent discovery through continuous provision, following the framework of Maths No Problem Foundations. The children are taught the systematic teaching of number facts through the NCETM Mastering Number Programme.

Key Stage One

The maths curriculum in Key Stage One is taught in a Mastery approach in conjunction with Maths No Problem. The systematic teaching of number facts is delivered in short fluency lessons, underpinned by Number Sense Maths.

Key Stage Two

The maths curriculum in Key Stage One is taught in a Mastery approach in conjunction with Maths No Problem. The systematic teaching of number facts is delivered in short fluency lessons. In Year Three this begins consolidating addition and subtraction number facts, before moving on to Times Tables facts. Times Tables work continues in Year Four. In Year Five and Six, children focus on efficient strategies for arithmetic.

The following plans are subject to change at the discretion of the class teacher and subject leader due to the individual needs of each class following the coronavirus pandemic, to ensure that learning is long-lasting and secure.

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Reception

	Autumn	Spring	Summer
Week 1	Welcome to School and Reception Baselining	Number and Pattern: Counting	Number and Pattern: Counting On to Add
Week 2		Number and Pattern: Counting and Ordering	Number and Pattern: Counting Forwards and Backwards
Week 3		Number and Pattern: Counting	Number and Pattern: Counting to 20
Week 4	Number and Pattern: Matching	Number and Pattern: Addition	Number and Pattern: Doubling
Week 5	Number and Pattern: Sorting	Number and Pattern: Comparing and Ordering	Number and Pattern: Halving and Sharing
Week 6	Shape Space and Measure: Comparing and Ordering	Number and Pattern: Counting	Number and Pattern: Odds and Evens
Week 7	Number and Pattern: AB Patterns		Shape, Space and Measure: Mass
Week 8	Number and Pattern: Counting	Number and Pattern: Patterns	Shape, Space and Measure: Volume and Capacity
Week 9	Shape, Space and Measure: Time	Shape, Space and Measure: Measuring lengths and heights	Shape, Space and Measure: Money
Week 10	Number and Pattern: Composition of Numbers up to Five	Shape, Space and Measure: Capacity – developing language	Number and Pattern: Data
Week 11	Shape, Space and Measure: 2D Shapes	Shape, Space and Measure: 2D Shapes	Number and Pattern, Shape, Space and Measure: Revision of all aspects
Week 12	Shape, Space and Measure: Positional Language	Shape, Space and Measure: 3D Shapes	Number and Pattern: Word Problems

The Magdalen Church of England / Methodist Primary School

MATHS NO PROBLEM!

Year One

	Autumn Term	Spring Term	Summer Term
Week 1	Number and Place Value: Numbers to 10	Calculations: Addition and Subtraction within 20	Calculations: Multiplication
Week 2		Geometry – Properties of Shape: Shapes and Patterns	Calculations: Division
Week 3	Calculations: Addition and Subtraction		Fractions: Fractions
Week 4		Measurement: Height and Length	Number and Place Value: Numbers to 100
Week 5		Review and Remediation	
Week 6			Measurement: Time
Week 7		Number and Place Value: Numbers to 40	Measurement: Money
Week 8	Geometry – Position and Direction: Positions		**Assessment Week (TBC)**
Week 9	Number and Place Value: Numbers to 20	Calculations: Addition and Subtraction	Measurement: Volume and Capacity
Week 10		**Assessment Week (TBC)**	Measurement: Mass
Week 11	Calculations: Addition and Subtraction within 20	Calculations: Addition and Subtraction	Geometry – Position and Direction: Space
Week 12		Calculations: Multiplication	Review and Remediation

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Year Two

<table>
<tr><th></th><th>Autumn Term</th><th>Spring Term</th><th>Summer Term</th></tr>
<tr><td>Week 1</td><td rowspan="2">Number and Place Value: Numbers to 100</td><td rowspan="2">Measurement: Mass and Temperature</td><td rowspan="3">Fractions: Fractions</td></tr>
<tr><td>Week 2</td></tr>
<tr><td>Week 3</td><td rowspan="3">Calculations: Addition and Subtraction</td><td>Statistics: Pictograms</td></tr>
<tr><td>Week 4</td><td>Calculations: More Word Problems</td><td rowspan="2">SATS</td></tr>
<tr><td>Week 5</td><td rowspan="3">Measurement: Money</td><td rowspan="5">Measurement: Time and Volume</td></tr>
<tr><td>Week 6</td><td rowspan="2">Calculations: Multiplication of 2, 5 and 10</td></tr>
<tr><td>Week 7</td><td rowspan="2">Geometry – Properties of Shapes: 2D Shapes</td></tr>
<tr><td>Week 8</td><td>Calculations: Multiplication and Division of 2, 5 and 10</td></tr>
<tr><td>Week 9</td><td>Assessment Week (TBC)</td><td>Geometry – Properties of Shapes: 3D Shapes</td></tr>
<tr><td>Week 10</td><td rowspan="2">Measurement: Length</td><td>Assessment Week (TBC)</td><td rowspan="3">Review and Revisit Topics</td></tr>
<tr><td>Week 11</td><td>Geometry – Properties of Shapes: 3D Shapes</td></tr>
<tr><td>Week 12</td><td>Measurement: Mass</td><td>Fractions: Fractions</td></tr>
</table>

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Year Three

	Autumn	Spring	Summer
Week 1	Number and Place Value: Numbers to 1000	Measurement: Length	Statistics: Pictographs and Bar Graphs
Week 2			Fractions, Decimals and Percentages: Fractions
Week 3	Calculations: Addition and Subtraction	Measurement: Mass	
Week 4		Measurement: Volume	
Week 5			
Week 6		Measurement: Money	
Week 7			Geometry – Properties of Shapes: Angles
Week 8	Calculations: Multiplication and Division		**Assessment Week (TBC)**
Week 9	**Assessment Week (TBC)**	Measurement: Time	Geometry – Properties of Shapes: Angles, Lines and Shapes
Week 10	Calculations: Multiplication and Division	**Assessment Week (TBC)**	Geometry – Properties of Shapes: Lines and Shapes
Week 11	Calculations: Further Multiplication and Division	Measurement: Time	Measurement: Perimeter of Figures
Week 12			

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Year Four

<table>
<tr><th></th><th>Autumn</th><th>Spring</th><th>Summer</th></tr>
<tr><td>Week 1</td><td rowspan="4">Number and Place Value:
Numbers to 10 000</td><td rowspan="3">Calculations: Further Multiplication and Division</td><td rowspan="2">Measurement: Money</td></tr>
<tr><td>Week 2</td></tr>
<tr><td>Week 3</td><td rowspan="3">Measurement: Mass, Volume and Length</td></tr>
<tr><td>Week 4</td><td rowspan="2">Statistics: Graphs</td></tr>
<tr><td>Week 5</td><td rowspan="4">Calculations:
Addition and Subtraction within 10 000</td><td rowspan="4">Fractions, Decimals and Percentages: Fractions</td></tr>
<tr><td>Week 6</td><td rowspan="2">Measurement:
Area of Figures</td></tr>
<tr><td>Week 7</td></tr>
<tr><td>Week 8</td><td>Calculations:
Multiplication and Division</td><td>Measurement: Time</td><td>Geometry – Properties of Shapes: Geometry</td></tr>
<tr><td>Week 9</td><td>Calculations:
Multiplication and Division</td><td>Fractions, Decimals and Percentages: Decimals</td><td>Assessment Week (TBC)</td></tr>
<tr><td>Week 10</td><td rowspan="2">Assessment Week (TBC)</td><td>Assessment Week (TBC)</td><td rowspan="2">Geometry – Properties of Shapes: Geometry</td></tr>
<tr><td>Week 11</td><td rowspan="2">Calculations:
Multiplication and Division</td><td rowspan="2">Fractions, Decimals and Percentages: Decimals</td></tr>
<tr><td>Week 12</td><td>Calculations: Further Multiplication and Division</td><td>Geometry – Position and Direction: Position and Movement</td></tr>
<tr><td></td><td></td><td></td><td>Number and Place Value: Roman Numerals</td></tr>
</table>

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Year Five

<table>
<tr><th></th><th>Autumn</th><th>Spring</th><th>Summer</th></tr>
<tr><td>Week 1</td><td rowspan="3">Number and Place Value:
Numbers to 1 000 000</td><td rowspan="3">Fractions, Decimals and
Percentages: Fractions</td><td>Geometry – Position and Direction:
Position and Movement</td></tr>
<tr><td>Week 2</td><td rowspan="3">Measurement:
Measurements</td></tr>
<tr><td>Week 3</td></tr>
<tr><td>Week 4</td><td rowspan="2">Calculations:
Addition and Subtraction</td><td rowspan="3"></td></tr>
<tr><td>Week 5</td><td rowspan="2">Fractions, Decimals and
Percentages: Decimals</td><td rowspan="2">Measurement:
Area and Perimeter</td></tr>
<tr><td>Week 6</td><td rowspan="3">Calculations:
Multiplication and Division</td></tr>
<tr><td>Week 7</td><td rowspan="2"></td><td rowspan="2"></td></tr>
<tr><td>Week 8</td><td>Fractions, Decimals and Percentages:
Percentage</td><td>Assessment Week (TBC)</td></tr>
<tr><td>Week 9</td><td>Assessment Week (TBC)</td><td>Geometry –
Properties of Shapes: Geometry</td><td rowspan="2">Measurement: Volume</td></tr>
<tr><td>Week 10</td><td>Calculations:
Multiplication and Division</td><td>Assessment Week (TBC)</td></tr>
<tr><td>Week 11</td><td>Calculations: Word Problems</td><td rowspan="2">Geometry –
Properties of Shapes: Geometry</td><td>Number and Place Value: Roman
Numerals</td></tr>
<tr><td>Week 12</td><td>Statistics: Graphs</td><td>Review and Revision</td></tr>
</table>

The Magdalen
Church of England /
Methodist Primary School

MATHS NO PROBLEM!

Year Six

	Autumn	Spring	Summer
Week 1	Number and Place Value: Numbers to 10 Million	Measurement: Measurements	Geometry – Position and Direction: Position and Movement
Week 2			Statistics: Graphs and Averages
Week 3	Calculations: Four Operations on Whole Numbers	Word Problems	Revisit and Revise
Week 4		Fractions, Decimals and Percentages: Percentage	**SATs**
Week 5		Ratio and Proportion: Ratio	Number and Place Value: Negative Numbers
Week 6			Measurement: Volume
Week 7	Fractions, Decimals and Percentages: Fractions	Algebra: Algebra	Geometry – Properties and Shapes: Geometry
Week 8			
Week 9	**Assessment Week (TBC)**	Measurement: Area and Perimeter **Assessment Week (TBC)**	Geometry – Position and Direction: Position and Movement
Week 10	Fractions, Decimals and Percentages: Decimals		Statistics: Graphs and Averages
Week 11		Geometry – Properties and Shapes: Geometry	Revisit and Revise
Week 12		Revisit and Revise	