

Maths Medium Term Overviews

MNP Guidance

Overview

Our curriculum overviews are taken from the Maths — No Problem! Primary Maths Series, which is fully aligned with the 2014 English national curriculum for maths. They outline the content and topic order of the series.

Learning is presented in small-step, logical sequences organised into individual lessons with a title indicating the focus of learning for that lesson. The sequence of lessons is carefully organised with clear lines of progression.

KEY LESSON



INDEPENDENT



COMBINED



INTEGRATED



NON-STATUTORY



IF TIME ALLOWS



Journal Types

1. Descriptive journaling

Descriptive questions ask children to describe the methods they have used or explain a concept.

2. Evaluative journaling

Evaluative tasks ask children why they chose a method and how helpful it was to solve the problem.

3. Creative journaling

Creative journaling lets children develop models and stories to show their understanding.

4. Investigative journaling

Children can explore a problem and record their findings.

5. Formative journaling

Children show you what they have learned and understood in formative journal entries.

Spiral Curriculum

MNP Textbooks follow Bruner's spiral curriculum, where topics are revisited at increasing levels of difficulty. New skills and concepts are clearly related to previous learning with the aim of progressively increasing competency. If pupils miss some lessons on a particular topic in one year, they'll have a chance to revisit the topic the following year. Any key lessons missed in Year 4 can be integrated into Years 5 and 6.

For example, if Textbook 4B, Chapter 12: Geometry was missed last academic year, the lessons can be integrated into Textbook 5B, Chapter 9, which also covers geometry

Primary Maths Series – Reception at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Pattern: Matching and Sorting	Number and Pattern: Counting and Ordering	Number and Pattern: Counting on to add
Week 2			Number and Pattern: Counting back to subtract
Week 3	Shape, Space and Measure: Comparing and Ordering		Number and Pattern: Counting to 20
Week 4	Number and Pattern: Counting up to 10	Number and Pattern: Addition within 10	Number and Pattern: Doubling
Week 5		Number and Pattern: Comparing and Ordering	Number and Pattern: Halving and Sharing
Week 6		Number and Pattern: Counting up to 10	Number and Pattern: Odds and Evens
Week 7	Shape, Space and Measure: Time		Shape, Space and Measure: Mass
Week 8	Number and Pattern: Composition of numbers to 5	Number and Pattern: Patterns	Shape, Space and Measure: Volume and Capacity
Week 9		Shape, Space and Measure: Measuring height and length	Shape, Space and Measure: Money
Week 10	Shape, Space and Measure: 2D Shapes Positional Language	Shape, Space and Measure: Capacity	Number and Pattern: Data
Week 11		Shape, Space and Measure: 2D Shape	Consolidation
Week 12		Shape, Space and Measure: 3D Shape	Number and Pattern: Word Problems

Primary Maths Series - Year 1 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 10 LESSON BREAKDOWN	Calculations: Addition and Subtraction within 20 LESSON BREAKDOWN	Calculations: Multiplication LESSON BREAKDOWN
Week 2		Geometry – Properties of Shape: Shapes and Patterns LESSON BREAKDOWN	Calculations: Division LESSON BREAKDOWN
Week 3	Calculations: Addition and Subtraction LESSON BREAKDOWN	Measurement: Height and Length LESSON BREAKDOWN	Fractions: Fractions LESSON BREAKDOWN
Week 4			Revision and Mid-year (A) Tests
Week 5		Review and Remediation	
Week 6			Measurement: Money LESSON BREAKDOWN
Week 7			Measurement: Volume and Capacity LESSON BREAKDOWN
Week 8	Geometry – Position and Direction: Positions LESSON BREAKDOWN	Number and Place Value: Numbers to 40 LESSON BREAKDOWN	Measurement: Mass LESSON BREAKDOWN
Week 9	Number and Place Value: Numbers to 20 LESSON BREAKDOWN		Calculations: Addition and Subtraction LESSON BREAKDOWN
Week 10		Calculations: Addition and Subtraction within 20 LESSON BREAKDOWN	
Week 11	Calculations: Multiplication LESSON BREAKDOWN		Review and Remediation
Week 12			

Primary Maths Series - Year 2 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 100 LESSON BREAKDOWN	Measurement: Mass and Temperature LESSON BREAKDOWN	Fractions: Fractions LESSON BREAKDOWN
Week 2	Calculations: Addition and Subtraction LESSON BREAKDOWN	Statistics: Pictograms LESSON BREAKDOWN	
Week 3		Mid-year (A) Tests and Remediation	
Week 4		Calculations: More Word Problems LESSON BREAKDOWN	SATs
Week 5	Calculations: Multiplication of 2, 5 and 10 LESSON BREAKDOWN	Measurement: Money LESSON BREAKDOWN	Measurement: Time and Volume LESSON BREAKDOWN
Week 6		Geometry – Properties of Shapes: 2D Shapes LESSON BREAKDOWN	
Week 7		Geometry – Properties of Shapes: 3D Shapes LESSON BREAKDOWN	
Week 8	Calculations: Multiplication and Division of 2, 5 and 10 LESSON BREAKDOWN	Fractions: Fractions LESSON BREAKDOWN	Revision and End-of-year (B) Tests
Week 9	Measurement: Length LESSON BREAKDOWN		Review and Revisit Topics
Week 10	Measurement: Mass LESSON BREAKDOWN		
Week 11			
Week 12			

Primary Maths Series - Year 3 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 1000 LESSON BREAKDOWN	Measurement: Length LESSON BREAKDOWN	Statistics: Pictographs and Bar Graphs LESSON BREAKDOWN
Week 2			Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN
Week 3	Measurement: Mass LESSON BREAKDOWN		
Week 4	Measurement: Volume LESSON BREAKDOWN		
Week 5			
Week 6	Mid-year (A) Tests and Remediation		
Week 7	Calculations: Multiplication and Division LESSON BREAKDOWN	Measurement: Money LESSON BREAKDOWN	Geometry – Properties of Shapes: Angles LESSON BREAKDOWN
Week 8			Geometry – Properties of Shapes: Lines and Shapes LESSON BREAKDOWN
Week 9		Measurement: Time LESSON BREAKDOWN	
Week 10			
Week 11			
Week 12	Calculations: Further Multiplication and Division LESSON BREAKDOWN	End-of-year (B) Tests and Remediation	

Primary Maths Series - Year 4 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 10 000 LESSON BREAKDOWN	Calculations: Further Multiplication and Division LESSON BREAKDOWN	Measurement: Money LESSON BREAKDOWN
Week 2			
Week 3			
Week 4	Calculations: Addition and Subtraction within 10 000 LESSON BREAKDOWN	Statistics: Graphs LESSON BREAKDOWN	Measurement: Mass, Volume and Length LESSON BREAKDOWN
Week 5			
Week 6		Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	Measurement: Area of Figures LESSON BREAKDOWN
Week 7			
Week 8	Calculations: Multiplication and Division LESSON BREAKDOWN	Measurement: Time LESSON BREAKDOWN	Geometry – Properties of Shapes: Geometry LESSON BREAKDOWN
Week 9		Mid-year (A) Tests and Remediation	
Week 10		Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 11	Number and Place Value: Roman Numerals LESSON BREAKDOWN		
Week 12	Calculations: Further Multiplication and Division LESSON BREAKDOWN		

Primary Maths Series - Year 5 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 1 000 000 LESSON BREAKDOWN	Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 2			Measurement: Measurements LESSON BREAKDOWN
Week 3	Calculations: Addition and Subtraction LESSON BREAKDOWN		
Week 4			Measurement: Area and Perimeter LESSON BREAKDOWN
Week 5	Calculations: Multiplication and Division LESSON BREAKDOWN	Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN	
Week 6			Fractions, Decimals and Percentages: Percentage LESSON BREAKDOWN
Week 7		Geometry – Properties of Shapes: Geometry LESSON BREAKDOWN	
Week 8			Review and Revision
Week 9	End-of-year (B) Tests and Remediation		
Week 10		Calculations: Word Problems LESSON BREAKDOWN	Statistics: Graphs LESSON BREAKDOWN
Week 11	Statistics: Graphs LESSON BREAKDOWN		
Week 12		Statistics: Graphs LESSON BREAKDOWN	

Primary Maths Series - Year 6 at a Glance

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 10 Million LESSON BREAKDOWN	Measurement: Measurements LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 2	Calculations: Four Operations on Whole Numbers LESSON BREAKDOWN	Word Problems LESSON BREAKDOWN	Statistics: Graphs and Averages LESSON BREAKDOWN
Week 3			Mid-year (A) Tests and Remediation
Week 4		Number and Place Value: Negative Numbers LESSON BREAKDOWN	
Week 5		Fractions, Decimals and Percentages: Percentage LESSON BREAKDOWN	
Week 6		Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	Ratio and Proportion: Ratio LESSON BREAKDOWN
Week 7	Algebra: Algebra LESSON BREAKDOWN		Geometry – Properties and Shapes: Geometry LESSON BREAKDOWN
Week 8			Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 9	Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN		Measurement: Area and Perimeter LESSON BREAKDOWN
Week 10		Geometry – Properties and Shapes: Geometry LESSON BREAKDOWN	Revision and End-of-year (B) Tests
Week 11			Revisit Topics
Week 12			