Year 2 Prerequisites

The following chart is designed to help you identify the nearest prerequisite unit for all the units taught in Year 2. We have selected a few key lessons as a useful guide to which lessons to focus on. You may want to add another key lesson if you are following up on a specific gap or weakness. You could also use the **Strengthen activities** linked to the Prerequisite units. You may find the **Power Up activities** useful for practising fluency.

We suggest you use the **End of Unit checks** from the **Textbook** to find gaps or weaknesses.

Autumn

Unit	Strand	Prerequisite unit	Key lessons
Unit 1: Numbers to 100	Number and place value	**Year 1C** Unit 16 Numbers to 100	Lesson 3: Partitioning numbers Lesson 8: Bonds to 100
Unit 2: Addition and subtraction (1)	Addition and subtraction	**Year 1B** Unit 7 Addition within 20 **Year 1B** Unit 8 Subtraction within 20	Unit 7 Lesson 5: Discover and Share: Add by making 10 (1) Unit 8 Lesson 3: Subtraction – crossing the 10 (1) Lesson 6: Addition and subtraction facts to 20

Unit	Strand	Prerequisite unit	Key lessons
Unit 3: Addition and subtraction (2)	Addition and subtraction	**Year 1B** Unit 8 Subtraction within 20	Lesson 4: Subtraction – crossing the 10 (2) Lesson 5: Solving word and picture problems – subtraction
Unit 4: Money	Measurement	**Year 1C** Unit 18 Money	Lesson 1: Recognising coins Lesson 2: Recognising notes
Unit 5: Multiplication and division (1)	Multiplication and division	**Year 1C** Unit 12 Multiplication	Lesson 2: Making equal groups Lesson 4: Making simple arrays

Spring

Unit	Strand	Prerequisite unit	Key lessons
Unit 6: Multiplication and division (2)	Multiplication and division	**Year 1C** Unit 13 Division	Lesson 2: Making equal groups (2) Lesson 4: Sharing equally (2)
Unit 7: Statistics	Statistics	No matching unit in Year 1	
Unit 8: Length and height	Measurement	**Year 1C** Unit 10 Length and height	Lesson 4: Measuring length using a ruler
Unit 9: Properties of shapes	Geometry – Properties of shape	**Year 1A** Unit 5 2D and 3D shapes	Lesson 1: Naming 3D shapes 1 Lesson 3: Naming 2D shapes 1
Unit 10: Fractions	Fractions	**Year 1C** Unit 14 Halves and quarters	Lesson 2: Finding halves 2 Lesson 4: Finding quarters 2

Summer

Unit	Strand	Prerequisite unit	Key lessons
Unit 11: Position and direction	Geometry – Position and direction	**Year 1C** Unit 15 Position and direction	Lesson 2: Describing positions 1 Lesson 3: Describing positions 2
Unit 12: Problem solving and efficient methods	Number and place value Addition and subtraction Multiplication and division	**Year 1B** Unit 7 Addition within 20 **Year 1B** Unit 8 Subtraction within 20 **Year 1C** Unit 12 Multiplication **Year 1C** Unit 13 Division	Discover and Share sections of: Unit 7 Lesson 6: Solving word problems – addition Unit 8 Lesson 8: Solving word and picture problems – addition and subtraction Unit 12 Lesson 6: Solving word problems – multiplication Unit 13 Lesson 5: Solving word problems - division
Unit 13: Time	Measurement	**Year 1C** Unit 17 Time	Lesson 4: Telling time to the half hour (Discover and Share) Lesson 5: Solving word problems – time
Unit 14: Weight, volume and temperature	Measurement	**Year 1B** Unit 11 Introducing weight and volume	Lesson 2: Measuring weight Lesson 5: Measuring capacity

Year 3 Prerequisites

The following chart is designed to help you identify the nearest prerequisite unit for all the units taught in Year 3. We have selected a few key lessons as a useful guide to which lessons to focus on. You may want to add another key lesson if you are following up on a specific gap or weakness. You could also use the **Strengthen activities** linked to the Prerequisite units. You may find the **Power Up activities** useful for practising fluency.

We suggest you use the **End of Unit checks** from the **Textbook** to find gaps or weaknesses.

Autumn

Unit	Strand	Prerequisite unit	Key lessons
Unit 1: Place value within 1,000	Number and place value	**Year 2A** Unit 1 Numbers to 100	Lesson 5: Representing numbers on a place value grid Lesson 8: Ordering numbers
Unit 2: Addition and subtraction (1)	Addition and subtraction	**Year 2A** Unit 2 Addition and subtraction (1)	Lesson 8: Adding and subtracting 10s Lesson 10: Adding a 2-digit and 1-digit number (2) Lesson 12: Subtracting a 1-digit number from a 2-digit number (2)

Unit	Strand	Prerequisite unit	Key lessons
Unit 3: Addition and subtraction (2)	Addition and subtraction	**Year 2A** Unit 3 Addition and subtraction (2)	Lesson 2: Adding two 2-digit numbers Lesson 6: Subtracting a 2-digit number from another 2-digit number (4)
Unit 4: Multiplication and division (1)	Multiplication and division	**Year 2A** Unit 5 Multiplication and division (1) **Year 2A** Unit 6 Multiplication and division (2)	Unit 5 Lesson 5: Using arrays Unit 6 Lesson 2: Sharing and grouping

Spring

Unit	Strand	Prerequisite unit	Key lessons
Unit 5: Multiplication and division (2)	Multiplication and division	**Year 2A** Unit 5 Multiplication and division (1) **Year 2A** Unit 6 Multiplication and division (2)	Unit 5: Lesson 7: 5 times table Unit 6: Lesson 5: Dividing by 5
Unit 6: Money	Measurement	**Year 2A** Unit 4 Money	Lesson 3: Counting money – coins and notes Lesson 8 Finding change
Unit 7: Statistics	Statistics	**Year 2B** Unit 7 Statistics	Lesson 5: Interpreting pictograms (2) Lesson 6: Block diagrams
Unit 8: Length	Measurement	**Year 2B** Unit 8 Length and height	Lesson 5: Solving word problems – length
Unit 9: Fractions (1)	Fractions	**Year 2B** Unit 10 Fractions	Lesson 6: Finding a quarter Lesson 7: Unit fractions

Summer

Unit	Strand	Prerequisite unit	Key lessons
Unit 10: Fractions (2)	Fractions	**Year 2B** Unit 10 Fractions	Lesson 9: ½ and 2/4 Lesson 11: Understanding a whole
Unit 11: Time	Measurement	**Year 2C** Unit 13 Time	Lesson 4: Minutes in an hour Lesson 5: Durations
Unit 12: Angles and properties of shapes	Geometry – Properties of shapes	**Year 2B** Unit 9 Properties of shapes **Year 2C Unit 11** Position and direction	Unit 9 Lesson 6: Sorting 2D shapes Lesson 11: Sorting 3D shapes Unit 11 Lesson 2: Describing turns
Unit 13: Mass	Measurement	**Year 2C** Unit 14 Weight, volume and temperature	Lesson 3: Measuring mass in grams (2) Lesson 4: Measuring mass in kg
Unit 14: Capacity	Measurement	**Year 2C** Unit 14 Weight, volume and temperature	Lesson 7: Measuring volume in millilitres Lesson 8: Measuring volume in litres

Year 4 Prerequisites

The following chart is designed to help you identify the nearest prerequisite unit for all the units taught in Year 4. We have selected a few key lessons as a useful guide to which lessons to focus on. You may want to add another key lesson if you are following up on a specific gap or weakness. You could also use the **Strengthen activities** linked to the Prerequisite units. You may find the **Power Up activities** useful for practising fluency.

We suggest you use the **End of Unit checks** from the **Textbook** to find gaps or weaknesses.

Autumn

Unit	Strand	Prerequisite unit	Key lessons
Unit 1: 4-digit numbers (1)	Number and place value	**Year 3A** Unit 1 Place value within 1,000	Lesson 2: Representing numbers to 1,000 Lesson 4: 100s, 10s and 1s (2)
Unit 2: 4-digit numbers (2)	Number and place value	**Year 3A** Unit 1 Place value within 1,000	Lesson 7: Finding 1, 10, 100 more or less Lesson 9: Ordering numbers to 1,000
Unit 3: Addition and subtraction	Addition and subtraction	**Year 3A** Unit 3 Addition and subtraction (2)	Lesson 3: Adding two 3-digit numbers (2) Lesson 5: Subtracting a 3-digit number from a 3-digit number (2)

Unit	Strand	Prerequisite unit	Key lessons
Unit 4: Measure – perimeter	Measurement	**Year 3B** Unit 8 Length	Lesson 3: Equivalent lengths – metres and centimetres Lesson 8: Measuring the perimeter (1)
Unit 5: Multiplication and division (1)	Multiplication and division	**Year 3A** Unit 4 Multiplication and division (1) **Year 3B** Unit 5 Multiplication and division (2)	Unit 4 Lesson 4: 3 times table Unit 5: Lesson 5 Related multiplication and division calculations

Spring

Unit	Strand	Prerequisite unit	Key lessons
Unit 6: Multiplication and division (2)	Multiplication and division	**Year 3B** Unit 5 Multiplication and division (2)	Lesson 7: Multiplying a 2-digit number by a 1-digit number (3) Lesson 8: Dividing a 2-digit number by a 1-digit number (1)
Unit 7: Measure – area	Measurement	Not covered in Year 3	
Unit 8: Fractions (1)	Fractions (including decimals)	**Year 3B** Unit 9 Fractions (1) **Year 3C** Unit 10 Fractions (2)	Unit 9 Lesson 4: Tenths Unit 10 Lesson 2: Equivalent fractions (2)
Unit 9: Fractions (2)	Fractions (including decimals)	**Year 3B** Unit 9 Fractions (1) **Year 3C** Unit 10 Fractions (2)	Unit 9 Lesson 5: Fractions of a set of objects Unit 10 Lesson 8: Problem solving – adding and subtracting fractions

Unit	Strand	Prerequisite unit	Key lessons
Unit 10: Decimals (1)	Fractions (including decimals)	Not covered in Year 3 or KS1	

Summer

Unit	Strand	Prerequisite unit	Key lessons
Unit 11: Decimals (2)	Fractions (including decimals)	Not covered in Year 3 or KS1	
Unit 12: Money	Measurement	**Year 3B** Unit 6 Money	Lesson 2: Converting pounds and pence Lesson 5: Problem solving – money
Unit 13: Time	Measurement	**Year 3C** Unit 11 Time	Lesson 6: Telling time to the minute (2) Lesson 9: Comparing duration
Unit 14: Statistics	Statistics	**Year 3B** Unit 7 Statistics	Lesson 4: Bar charts (2) Lesson 5: Tables
Unit 15: Geometry – angles and 2D shapes	Geometry – properties of shapes	**Year 3C** Unit 12 Angles and properties of shapes **Year 2B** Unit 9 Properties of shapes	Year 3C Unit 12 Lesson 3: Comparing angles Year 2B Unit 9 Lesson 5: Finding lines of symmetry
Unit 16: Geometry – position and direction	Geometry – position and direction	Not covered in Year 3	Symmetry covered in previous unit: Year 4 Unit 16

Year 5 Prerequisites

The following chart is designed to help you identify the nearest prerequisite unit for all the units taught in Year 5. We have selected a few key lessons as a useful guide to which lessons to focus on. You may want to add another key lesson if you are following up on a specific gap or weakness. You could also use the **Strengthen activities** linked to the Prerequisite units. You may find the **Power Up activities** useful for practising fluency.

We suggest you use the **End of Unit checks** from the **Textbook** to find gaps or weaknesses.

Autumn

Unit	Strand	Prerequisite unit	Key lessons
Unit 1: Place value within 100,000	Number and place value	**Year 4A** Unit 1 4-digit numbers (1)	Lesson 3: Rounding to the nearest 100 Lesson 9: Roman numerals to 100
Unit 2: Place value within 1,000,000	Number and place value	**Year 4A** Unit 2 4-digit numbers (2)	Lesson 4: Ordering numbers to 10,000 Lesson 9: Negative numbers (2)
Unit 3: Addition and subtraction	Addition and subtraction	**Year 4A** Unit 3 Addition and subtraction	Lesson 7: Subtracting two 4-digit numbers (3) Lesson 10: Estimating answers to additions and subtractions

Unit	Strand	Prerequisite unit	Key lessons
Unit 4: Graphs and tables	Statistics	**Year 4C** Unit 14 Statistics	Lesson 2: Charts and tables (2) Lesson 3: Line graphs (1)
Unit 5: Multiplication and division (1)	Multiplication and division	**Year 4A** Unit 5 Multiplication and division (1)	Lesson 1: Multiplying by multiples of 10 and 100 Lesson 2: Dividing multiples of 10 and 100
Unit 6: Measure – area and perimeter	Measurement	**Year 4A** Unit 4 Measure – perimeter **Year 4B** Unit 7 Measure – area	Unit 4 Lesson 5: Perimeter of rectilinear shapes (2) Unit 7 Lesson 5: Comparing area

Spring

Unit	Strand	Prerequisite unit	Key lessons
Unit 7: Multiplication and division (2)	Multiplication and division	**Year 4A** Unit 6 Multiplication and division (2)	Lesson 5: Multiplying a 3-digit number by a 1-digit number Lesson 14: Dividing a 3-digit number by a 1-digit number
Unit 8: Fractions (1)	Fractions (including decimals and percentages)	**Year 4B** Unit 8 Fractions (1)	Lesson 4: Equivalent fractions (2) Lesson 7: Fractions greater than 1 (2)
Unit 9: Fractions (2)	Fractions (including decimals and percentages)	**Year 4B** Unit 9 Fractions (2)	Lesson 4: Adding and subtracting fractions (1) Lesson 5: Adding and subtracting fractions (2)
Unit 10: Fractions (3)	Fractions (including decimals and percentages)	**Year 4B** Unit 9 Fractions (2)	Lesson 6: Calculating fractions of a quantity Lesson 8: Problem solving – fraction of a quantity (2)
Unit 11: Decimals and percentages	Fractions (including decimals and percentages)	**Year 4C** Unit 11 Decimals (2)	Lesson 4: Ordering decimals Lesson 5: Rounding decimals

Summer

Unit	Strand	Prerequisite unit	Key lessons
Unit 12: Decimals	Fractions (including decimals and percentages)	**Year 4B** Unit 10 Decimals (1)	Lesson 5: Dividing by 10 (2) Lesson 9: Dividing by 100
Unit 13: Geometry – properties of shapes (1)	Geometry – properties of shapes	**Year 4C** Unit 15 Geometry – angles and 2D shapes	Lesson 1: Identifying angles Lesson 2: Comparing and ordering angles
Unit 14: Geometry – properties of shapes (2)	Geometry – properties of shapes	**Year 4C** Unit 15 Geometry – angles and 2D shapes	Lesson 3: Identifying regular and irregular shapes Lesson 5: Classifying and comparing quadrilaterals
Unit 15: Geometry – position and direction	Geometry – position and direction	**Year 4C** Unit 16 Geometry – position and direction	Lesson 2: Describing a position (2) Lesson 6: Describing a movement on a grid
Unit 16: Measure – converting units	Measurement	**Year 4C** Unit 11 Decimals (2) **Year 4C** Unit 13 Time	Unit 11 Lesson 7: Problem solving – decimals Unit 13 Lesson 5: Problem solving – units of time
Unit 17: Measure – volume and capacity	Measurement	Not covered in Year 4 (Year 3C Unit 14)	

Year 6 Prerequisites

The following chart is designed to help you identify the nearest prerequisite unit for all the units taught in Year 6. We have selected a few key lessons as a useful guide to which lessons to focus on. You may want to add another key lesson if you are following up on a specific gap or weakness. You could also use the **Strengthen activities** linked to the Prerequisite units. You may find the **Power Up activities** useful for practising fluency.

We suggest you use the **End of Unit checks** from the **Textbook** to find gaps or weaknesses.

Autumn

Unit	Strand	Prerequisite unit	Key lessons
Unit 1: Place value within 10,000,000	Number and place value	**Year 5A** Unit 1 Place value within 100,000 **Year 5A** Unit 2 Place value within 1,000,000	Unit 1 Lesson 2: Rounding to the nearest 10, 100, 1000 Lesson 5: The number line to 100,000 Unit 2 Lesson 6: Negative numbers
Unit 2: Four operations (1)	Addition, subtraction, multiplication and division	**Year 5B** Unit 7 Multiplication and division (2)	Lesson 6: Multiplying a 4-digit number by a 2-digit number Lesson 10: Division with remainders (2)

Unit	Strand	Prerequisite unit	Key lessons
Unit 3: Four operations (2)	Addition, subtraction, multiplication and division	**Year 5A** Unit 5 Multiplication and division (1)	Lesson 4 Using factors Lesson 10: Multiplying and dividing by multiples of 10, 100 and 1000
Unit 4: Fractions (1)	Fractions	**Year 5B** Unit 8 Fractions (1) **Year 5B** Unit 9 Fractions (2)	Unit 8 Lesson 2: Converting improper fractions to mixed numbers Unit 9 Lesson 3: Adding and subtracting fractions (2)
Unit 5: Fractions (2)	Fractions	**Year 5B** Unit 10 Fractions (3)	Lesson 2: Multiplying fractions (2) Lesson 5: Calculating fractions of amounts
Unit 6: Geometry – position and direction	Geometry – position and direction	**Year 5C** Unit 15 Geometry – position and direction	Lesson 2: Reflection with coordinates Lesson 4: Translation with coordinates

Spring

Unit	Strand	Prerequisite unit	Key lessons
Unit 7: Decimals	Fractions (including decimals and percentages)	**Year 5B** Unit 11 Decimals and percentages **Year 5C** Unit 12 Decimals	Unit 11 Lesson 3: Decimals as fractions Unit 12 Lesson 13: Multiplying decimals by 10, 100 and 1,000 Unit 12 Lesson 15: Dividing decimals by 10, 100 and 1,000
Unit 8: Percentages	Fractions (including decimals and percentages)	**Year 5B** Unit 11 Decimals and percentages	Lesson 10: Understanding percentages Lesson 12 Equivalent fractions, decimals and percentages
Unit 9: Algebra	Algebra	**Year 5A** Unit 2 Place value within 1,000,000 **Year 5C** Unit 12 Decimals	Unit 2 Lesson 8: Number sequences Unit 12 Lesson 9: Decimal sequences
Unit 10: Measure – imperial and metric measures	Measurement	**Year 5C** Unit 16 Measure – converting units	Lesson 4: Metric units (4) Lesson 5: Imperial units of length Lesson 6: Imperial units of mass

Unit	Strand	Prerequisite unit	Key lessons
Unit 11: Measure – perimeter, area and volume	Measurement	**Year 5C** Unit 6 Measure – area and perimeter **Year 5C** Unit 17 Volume and capacity	Unit 6 Lesson 3: Calculating perimeter Unit 6 Lesson 5: Calculating area Unit 17: Lesson 3: Estimating volume
Unit 12: Ratio and proportion	Ratio and proportion	**Year 5C** Unit 16 Measure – converting units	Lesson 10: Problem solving – measure The concept of proportion, otherwise not covered previously

Summer

Unit	Strand	Prerequisite unit	Key lessons
Unit 13: Geometry – properties of shapes	Geometry – properties of shapes	**Year 5C** Unit 13 Geometry – properties of shapes 1	Lesson 2: Measuring with a protractor (1) Lesson 5: Calculating angles on a straight line
Unit 14: Problem solving	Number and place value Addition and subtraction, multiplication and division Fractions (including decimals and percentages) Ratio and proportion Measurement	**Year 5A** Unit 1 Place value within 100,000 **Year 5A** Unit 2 Place value within 1,000,000 **Year 5A** Unit 3 Addition and subtraction **Year 5A** Unit 5 Multiplication and division (1) **Year 5B** Unit 7 Multiplication and division (2)	Unit 14 Lesson 4: Regular and irregular polygons Unit 16 Lesson 9: Timetables Depends on areas of weakness as this is Problem Solving with everything they have been taught

		Year 5B Unit 8 Fractions (1) **Year 5B** Unit 9 Fractions (2) **Year 5B** Unit 10 Fractions (3) **Year 5B** Unit 11 Decimals and percentages **Year 5C** Unit 14 Geometry – properties of shapes 2 **Year 5C** Unit 16 Measure – converting units **Year 5C** Unit 17 Volume and capacity	
Unit 15: Statistics	Statistics	**Year 5A** Unit 4 Graphs and tables **Year 5C** Unit 13 Geometry – properties of shapes 1	Unit 4 Lesson 4: Interpreting line graphs (2) Unit 13 Lesson 6: Calculating angles around a point