

## Reception Progressions

Some Reception Maths units do not match exactly to the 2021 Early Learning Goals but that does not mean that the work is unimportant. For example, the importance of shape, space and measures work is clear in the Development Matters non-statutory curriculum guidance that accompanies the Early Years Foundation Stage Framework. We have included some statements from the Development Matters guidance for these units, and these are shown in italics.

- Unit 19 **Sorting** is optional because sorting is not covered in the EYFS Framework or Development Matters guidance for Reception. It does introduce the concept of sorting, which will be useful in Year 1.
- Unit 20 **Time** is optional because time is not covered in the EYFS Framework or Development Matters guidance for Reception. It does provide a useful introduction to time, which will be covered in Year 1.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1 <b>Numbers to 5</b>	Unit 7 <b>Numbers to 10</b>	Unit 14 <b>Counting on and counting back</b>
2		Unit 8 <b>Comparing numbers within 10</b>	Unit 15 <b>Numbers to 20</b>
3			
4	Unit 2 <b>Comparing groups within 5</b>	Unit 9 <b>Addition to 10</b>	Unit 16 <b>Numerical patterns</b>
5		Unit 10 <b>Measure</b>	
6	Unit 11 <b>Number bonds to 10</b>		
7		<i>Unit 17 Shape</i>	
8	Unit 4 <b>Change within 5</b>	Unit 12 <b>Subtraction</b>	Unit 18 <b>Measure</b>
9			<i>Unit 19 (Optional) Sorting</i>
10	Unit 5 <b>Number bonds within 5</b>	<i>Unit 13 Exploring patterns</i>	<i>Unit 20 (Optional) Time</i>
11	<i>Unit 6 Space</i>		
12			

## Year 1 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 1 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 1 progression - compared with the first edition:

- **Numbers to 10 & Part-whole within 10** (the first place-value block) is now 5 weeks long instead of 4 in order to ensure a deep understanding of this crucial aspect of children's learning.
- **Addition and Subtraction** in Term A are now separated out into separate units.
- **Numbers to 20** has been moved to the Spring term in order to ensure a longer consolidation block at the end of the Autumn term to support all children to keep up from the start.

You can see how the progression of lessons within the units has changed by looking at the progression file for KS1.

Resources to have ready: in the Autumn term you are mostly going to need counters and 10 frames.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1: <b>Numbers to 10</b> (14 lessons)	Unit 6: <b>Numbers to 20</b> (12 lessons)	Unit 11: <b>Multiplication and division</b> (9 lessons)
2			Unit 12: <b>Halves and quarters</b> (4 lessons)
3			Unit 13: <b>Position and direction</b> (5 lessons)
4	Unit 2: <b>Part-whole within 10</b> (7 lessons)	Unit 7: <b>Addition and subtraction within 20</b> (11 lessons)	Unit 14: <b>Numbers to 100</b> (6 lessons)
5			Unit 15: <b>Money</b> (3 lessons)
6	Unit 3: <b>Addition within 10</b> (4 lessons)	Unit 8: <b>Numbers to 50</b> (7 lessons)	Unit 16: <b>Time</b> (5 lessons)
7	Unit 4: <b>Subtraction within 10</b> (8 lessons)		Unit 9: <b>Introducing length and height</b> (4 lessons)
8		Unit 10: <b>Introducing weight and volume</b> (7 lessons)	
9	Unit 5: <b>2D and 3D shapes</b> (5 lessons)		
10			
11			
12			

## Year 2 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 2 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 2 progression - compared with the first edition:

- **Place value (Number)** has been given an additional week in the Autumn Term.
- **Shape** has been moved from spring to autumn and given an extra week. This means that **Money** and **Multiplication & Division** is now later and can be taught together rather than split over two terms.
- The **Money** block has been moved from Autumn to Spring

You can see the new progression of lessons within the units by looking at the progression file for KS1.

Resources to have ready: in the Autumn term you are mostly going to need base 10 apparatus.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1: <b>Numbers to 100</b> (17 lessons)	Unit 5: <b>Money</b> (10 lessons)	Unit 10: <b>Statistics</b> (7 lessons)
2			Unit 6: <b>Multiplication and division</b> (1) (8 lessons)
3		Unit 7: <b>Multiplication and division</b> (2) (10 lessons)	
4			Unit 8: <b>Length and height</b> (5 lessons)
5	Unit 3: <b>Addition and subtraction</b> (2) (12 lessons)	Unit 9: <b>Mass, capacity and temperature</b> (8 lessons)	
6			Unit 4: <b>Properties of shapes</b> (12 lessons)
7			
8			
9			
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11			
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### Year 3 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 3 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 3 progression - there has been very little change to the progression of units vs the first edition:

- Two of the three **Multiplication & Division** units now fall in Term A.

You can see the new progression of lessons within the units by looking at the progression file for Lower KS2.

Resources to have ready: in the Autumn term you are mostly going to need base 10 apparatus.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1: <b>Place value within 1,000</b> (13 lessons)	Unit 6: <b>Multiplication and division</b> (3) (13 lessons)	Unit 11: <b>Fractions</b> (2) (8 lessons)
2			Unit 12: <b>Money</b> (5 lessons)
3			
4	Unit 2: <b>Addition and subtraction</b> (1) (10 lessons)	Unit 7: <b>Length and perimeter</b> (11 lessons)	Unit 13: <b>Time</b> (12 lessons)
5			
6	Unit 3: <b>Addition and subtraction</b> (2) (13 lessons)	Unit 8: <b>Fractions</b> (1) (10 lessons)	Unit 14: <b>Angles and properties of shapes</b> (9 lessons)
7			
8			
9	Unit 4: <b>Multiplication and division</b> (1) (5 lessons)	Unit 9: <b>Mass</b> (7 lessons)	Unit 15: <b>Statistics</b> (7 lessons)
10			
11	Unit 5: <b>Multiplication and division</b> (2) (13 lessons)	Unit 10: <b>Capacity</b> (6 lessons)	
12			

### Year 4 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 4 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 4 progression - there has been very little change to the progression of units vs the first edition:

- **Area** has been moved to the Autumn term. This now precedes the **Multiplication and Division** focus as at this stage children are exploring the idea of area (by counting squares) rather than the formula, so multiplication facts are not a pre-requisite.
- **Length and Perimeter** has been moved to the Spring term.

You can see the new progression of lessons within the units by looking at the progression file for Lower KS2.

Resources to have ready: in the Autumn term you are mostly going to need place value counters and grids.

Week	TERM			
	Autumn	Spring	Summer	
1	Unit 1: <b>Place value – 4-digit numbers</b> (1) (8 lessons)	Unit 6: <b>Multiplication and division</b> (2) (16 lessons)	Unit 11: <b>Decimals</b> (2) (7 lessons)	
2			Unit 12: <b>Money</b> (6 lessons)	
3	Unit 2: <b>Place value – 4-digit numbers</b> (2) (8 lessons)		Unit 7: <b>Perimeter</b> (6 lessons)	Unit 13: <b>Time</b> (5 lessons)
4	Unit 3: <b>Addition and subtraction</b> (16 lessons)	Unit 8: <b>Fractions</b> (1) (9 lessons)	Unit 14: <b>Geometry – angles and 2D shapes</b> (8 lessons)	
5		Unit 9: <b>Fractions</b> (2) (8 lessons)	Unit 15: <b>Statistics</b> (6 lessons)	
6		Unit 4: <b>Area</b> (5 lessons)	Unit 10: <b>Decimals</b> (1) (12 lessons)	Unit 16: <b>Position and direction</b> (6 lessons)
7				
8	Unit 5: <b>Multiplication and division</b> (1) (12 lessons)			
9				
10				
11				
12				

## Year 5 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 5 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 5 progression - compared with the first edition:

- The units for the first half of Term A are familiar but the units for the second half of Term A have changed, now including two **Fractions** units, which would previously have fallen in Term B.
- The **Fractions** units and **Multiplication & Division** units are now interspersed (as previously the 3 consecutive Fractions units quite intense!).
- The six-week fractions block from the Spring term in version 2 of the scheme has been split into two; with the steps on **Adding and Subtracting Fractions** moved to the Autumn term and the steps on **Multiplication and Division of Fractions** in a separate block in the Spring term.
- The blocks on **Statistics** and **Perimeter and Area** have been moved to later in the year.

You can see the new progression of lessons within the units by looking at the progression file for Upper KS2.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1: <b>Place value within 1,000,000</b> (1) (8 lessons)	Unit 7: <b>Multiplication and division</b> (2) (10 lessons)	Unit 12: <b>Geometry – properties of shapes</b> (12 lessons)
2			
3	Unit 2: <b>Place value within 1,000,000</b> (2) (6 lessons)	Unit 8: <b>Fractions</b> (3) (7 lessons)	Unit 13: <b>Geometry – position and direction</b> (6 lessons)
4			
5	Unit 3: <b>Addition and subtraction</b> (12 lessons)	Unit 9: <b>Decimals and percentages</b> (15 lessons)	Unit 14: <b>Decimals</b> (15 lessons)
6			
7	Unit 4: <b>Multiplication and division</b> (1) (10 lessons)	Unit 10: <b>Measure – perimeter and area</b> (8 lessons)	Unit 15: <b>Negative numbers</b> (4 lessons)
8			
9	Unit 5: <b>Fractions</b> (1) (8 lessons)	Unit 11: <b>Graphs and tables</b> (6 lessons)	Unit 16: <b>Measure – converting units</b> (10 lessons)
10			
11	Unit 6: <b>Fractions</b> (2) (11 lessons)		Unit 17: <b>Measure – volume and capacity</b> (3 lessons)
12			

## Year 6 Progressions using the new Power Maths/White Rose editions

This overview breaks down each of the Programmes of Study and domains covered by Year 6 and shows the approximate amount of weeks expected in the teaching of each area. Time is built in for consolidation and extension (based on the security of pupils' understanding & readiness to move on, challenge through problem solving and reasoning) and assessment within each term.

Updated Year 6 progression: compared with the first edition:

- The four-week **Fractions** block has been split into two parts, one covering **Addition and Subtraction** and the other **Multiplication and Division**.
- **Converting Units** has been brought forward from the Spring term to reinforce multiplication and division by powers of 10 covered in the Four operations block.
- Imperial and Metric units are included, rather than Position and Direction.

You can see the new progression of lessons within the units by looking at the progression file for Upper KS2.

Resources to have ready: in the Autumn term you are mostly going to need place value counters and grids.

Week	TERM		
	Autumn	Spring	Summer
1	Unit 1: <b>Place value within 10,000,000</b> (8 lessons)	Unit 7: <b>Ratio and proportion</b> (9 lessons)	Unit 12: <b>Statistics</b> (11 lessons)
2			
3	Unit 2: <b>Four operations</b> (1) (8 lessons)	Unit 8: <b>Algebra</b> (11 lessons)	Unit 13: <b>Geometry – properties of shape</b> (12 lessons)
4			
5	Unit 3: <b>Four operations</b> (2) (12 lessons)	Unit 9: <b>Decimals</b> (9 lessons)	Unit 14: <b>Position and direction</b> (5 lessons)
6			Unit 15: <b>Problem solving</b> (14 lessons)
7			
8	Unit 4: <b>Fractions</b> (1) (9 lessons)	Unit 10: <b>Percentages</b> (8 lessons)	CONSOLIDATION AND SATS PREP Further Application, Problem Solving & Reasoning
9			
10	Unit 5: <b>Fractions</b> (2) (9 lessons)	Unit 11: <b>Measure – perimeter, area and volume</b> (11 lessons)	
11			
12	Unit 6: <b>Imperial and metric</b> (5 lessons)		