

## Year 3/4 Mixed Year Group Guidance

Last Updated September 2021

Year 3/4 mixed year groups to follow the year 4 White Rose Maths order. The year 3 objectives have been matched to this. Highlighted objectives are standalone and need to be only taught to that year group. The other year group to continue with more mastery, problem solving and reasoning from the previous objective, depending if they are ready to move on or not. It is ok if year 4s need to do the year 3 objectives also if AFL through the pre-task has shown this

Year 3	Year 4	Notes and Guidance
<b>Au Block 1 – Number: Place Value</b>	<b>Au Block 1 – Number: Place Value</b>	
<ol style="list-style-type: none"> <li>Hundreds</li> <li>Represent numbers to 1000</li> <li>100s, 10s, 1s</li> <li>100s, 10s, 1s</li> <li>Number line to 1000</li> <li>Find 1, 10, 100 more or less than a given number</li> <li>Compare objects to 1000</li> <li>Compare numbers to 1000</li> <li>Order numbers</li> <li>Count in 50s</li> </ol>	<ol style="list-style-type: none"> <li>Roman Numerals to 100</li> <li>Round to the nearest 10</li> <li>Round to the nearest 100</li> <li>Count in 1000s</li> <li>1000s, 100s, 10s, 1s</li> <li>Partitioning</li> <li>Number line to 10000</li> <li>1000 more or less</li> <li>Compare numbers</li> <li>Order numbers</li> <li>Round to the nearest 1000</li> <li>Count in 25s</li> <li>Negative numbers</li> </ol>	<p>Where objectives are similar but different size numbers, make sure examples of both are given in the teaching input.</p> <ul style="list-style-type: none"> <li>➤ 1, 2, 3 year 3s to have the opportunity to consolidate any year2 objectives or work on their number bond fluency</li> <li>➤ 1, 2, 4</li> <li>➤ 3, 4, 5, 6</li> <li>➤ 5, 7</li> <li>➤ 6, 8</li> <li>➤ 7, 8, 9</li> <li>➤ 9, 10</li> <li>➤ 11 year 3s to consolidate/mastery on previous LO</li> <li>➤ 10, 12</li> <li>➤ 13 year 3s to consolidate/mastery on previous LO</li> </ul>
<b>Au Block 2 – Number: Addition and Subtraction</b>	<b>Au Block 2 – Addition and Subtraction</b>	
<ol style="list-style-type: none"> <li>Add and subtract multiples of 100</li> <li>Add and subtract 3 digit and 1 digit numbers not crossing 10</li> <li>Add 3 digit and 1 digit numbers crossing 10</li> <li>Subtract a 1 digit number from a 3 digit number crossing 10</li> <li>Add and subtract 3 digit and 2 digit numbers – not crossing 100</li> <li>Add 3 digit and 2 digit numbers – crossing 100</li> <li>Subtract a 2 digit number from a 3 digit number – crossing 100</li> <li>Add and subtract 100s</li> <li>Spot the pattern – making it explicit</li> <li>Add and subtract a 2 digit and 2 digit numbers not crossing 10 or 100</li> <li>Add a 2 digit and 3 digit numbers – crossing 10 or 100</li> </ol>	<ol style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s and 1000s</li> <li>Add two 4-digit numbers – no exchange</li> <li>Add two 4-digit numbers – one exchange</li> <li>Add two 4-digit numbers more than one exchange</li> <li>Subtract two 4-digit numbers – no exchange</li> <li>Subtract two 4-digit numbers – one exchange</li> <li>Subtract two 4 digit numbers – more than one exchange</li> <li>Efficient subtraction</li> </ol>	<ul style="list-style-type: none"> <li>➤ 1, 2, 3, 4, 5, 6, 7, 8, 1</li> <li>➤ 10, 13, 2</li> <li>➤ 11, 14, 3, 4</li> <li>➤ 12, 15, 16, 5, 6, 7</li> <li>➤ 9, 8</li> <li>➤ 17, 9</li> <li>➤ 18, 10</li> </ul>

12. Subtract a 2 digit number from a 3 digit number – crossing 10 or 100 13. Add two 3 digit numbers not crossing 10 or 100 14. Add two 3 digit numbers crossing 10 or 100 15. Subtract a 3 digit number from a 3 digit number – no exchange 16. Subtract a 3 digit number from a 3 digit number – exchange 17. Estimate answers to calculations 18. Check answers	9. Estimate answers 10. Checking strategies	
<b>Spr Block 4 – Measurement: Length and Perimeter</b>		
1. Measure length 2. Equivalent lengths – m & cm 3. Equivalent lengths – mm & cm 4. Compare lengths 5. Add lengths 6. Subtract lengths 7. Measure perimeter 8. Calculate perimeter	Au Block 3 – Measurement: Length and Perimeter 1. Kilometres 2. Perimeter on a grid 3. Perimeter of a rectangle 4. Perimeter of rectilinear shapes	➤ 7, 8, 2, 3 4
<b>Au Block 3 – Number: Multiplication and Division</b>		
1. Multiplication – equal groups 2. Multiply by 3 3. Divide by 3 4. The 3 times table 5. Multiply by 4 6. Divide by 4 7. The 4 times table 8. Multiply by 8 9. Divide by 8 10. The 8 times table	Au Block 4 – Number: Multiplication and Division 1. Multiply by 10 2. Multiply by 100 3. Divide by 10s 4. Divide by 100 5. Multiply by 1 and 0 6. Divide by 1 and itself 7. Multiply and divide by 6 8. 6 times table and division facts 9. Multiply and divide by 9 10. 9 times table and division facts 11. Multiply and divide by 7 12. 7 times table and division facts	➤ Although the timestables are different, two timestables could be taught in the same day, as the methods are the same. ➤ Or the lessons could be taught split with two different inputs – both could be taught by the teacher. ➤ For 1 to 4 year 3s could do this as it would be another opportunity to extend their understanding of counting in multiples of 100 (place value objective)
<b>Spr Block 1 – Number: Multiplication and Division</b>		
1. Comparing statements 2. Related calculations 3. Multiply 2-digits by 1-digit (1) 4. Multiply 2-digits by 1-digit (2) 5. Divide 2-digits by 1-digit (1)	Spr Block 1 – Number: Multiplication and Division 1. 11 and 12 times-table 2. Multiply 3 numbers 3. Factor pairs 4. Efficient multiplication 5. Written methods	➤ 2, 4 ➤ 3, 4, 5, 6, 7 ➤ 5, 6, 7, 8, 9, 10 ➤ 9, 11

6. Divide 2-digits by 1-digit (2) 7. Divide 2-digits by 1-digit (3) 8. Scaling 9. How many ways?	6. Multiply 2-digits by 1-digit 7. Multiply 3-digits by 1-digit 8. Divide 2-digits by 1-digit (1) 9. Divide 2-digits by 1-digit (2) 10. Divide 3-digits by 1-digit 11. Correspondence problems	
Spr Block 2 – Measurement: Area		
	1. What is area? 2. Counting squares 3. Making shapes 4. Comparing area	➤ Area is not taught before year 4
Spr Block 5 – Number: Fractions Su Block 1 – Number: Fractions	Spr Block 3 – Number: Fractions	
1. Unit and non-unit fractions 2. Making the whole 3. Fractions on a number line 4. Fractions of a set of objects (1) 5. Fractions of a set of objects (2) 6. Fractions of a set of objects (3)  7. Equivalent Fractions (1) 8. Equivalent Fractions (2) 9. Equivalent Fractions (3) 10. Compare fractions 11. Order fractions 12. Add fractions 13. Subtract fractions	1. What is a fraction? 2. Equivalent fractions (1) 3. Equivalent fractions (2) 4. Fractions greater than 1 5. Count in fractions 6. Add 2 or more fractions 7. Subtract 2 fractions 8. Subtract from whole amounts 9. Calculate fractions of a quantity 10. Problem solving – calculate quantities	➤ 1, 1 ➤ 7, 8, 9, 2, 3 ➤ 10, 11, 4 ➤ 3, 5 ➤ 12, 6 ➤ 13, 7, ➤ 2, 8 ➤ 4, 5, 6, 9, 10
Spr Block 5 – Number: Fractions	Spr Block 4 – Number: Decimals	
1. Tenths Count in tenths 2. Tenths as decimals	1. Recognise tenths and hundredths 2. Tenths as decimals 3. Tenths on a place value grid 4. Tenths on a number line 5. Divide 1-digit by 10	

	6. Divide 2-digits by 10 7. Hundredths 8. Hundredths as decimals 9. Hundredths on a place value grid 10. Divide 1 or 2-digits by 100	
	Su Block 1 – Number: Decimals	
	1. Make a whole 2. Write decimals 3. Compare decimals 4. Order decimals 5. Round decimals 6. Halves and quarters	➤
Spr Block 2 – Measurement: Money	Su Block 2 – Measurement: Money	
1. Pounds and pence 2. Convert pounds and pence 3. Add money 4. Subtract money 5. Give change	1. Pounds and pence 2. Ordering money 3. Estimating money 4. Four operations	➤ 1, 2, 1 ➤ Whilst year 4 are doing 2, 3, year 3 could be applying 1 and 2 to mastery. ➤ 3, 4, 5, 4
Su Block 2 – Measurement: Time	Su Block 3 – Measurement: Time	
1. Months and years 2. Hours in a day 3. Telling the time to 5 minutes, 4. Telling the time to the minute 5. Using a.m and p.m 6. 24 hour clock 7. Finding the duration 8. Comparing durations 9. Start and end times 10. Measuring time in seconds	1. Hours, minutes and seconds 2. Years, months, weeks and days 3. Analogue to digital – 12 hour 4. Analogue to digital – 24 hour	➤ 2, 10, 1 ➤ 1, 2 ➤ 3, 4, 5 to be consolidated for year 4s or to do mastery ➤ 6, 3, 4 ➤ 7, 8, 9, 10 to be consolidated for year 4s or to do mastery
Spr Block 3 – Statistics	Su Block 4 – Statistics	
1. Pictograms 2. Bar Charts 3. Tables	1. Interpret charts 2. Comparison, sum and difference 3. Introducing line graphs 4. Line graphs	➤ No links. Could also be taught through science

Su Block 3 – Geometry: Properties of Shapes	Su Block 4 – Geometry: Properties of Shapes	
<ol style="list-style-type: none"> <li>1. Turns and angles</li> <li>2. Right angles in shapes</li> <li>3. Compare angles</li> <li>4. Draw accurately</li> <li>5. Horizontal and vertical</li> <li>6. Parallel and perpendicular</li> <li>7. Recognise and describe 2D shapes</li> <li>8. Recognise and describe 3D shapes</li> <li>9. Make 3D shapes</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify angles</li> <li>2. Compare and order angles</li> <li>3. Triangles</li> <li>4. Quadrilaterals</li> <li>5. Lines of symmetry</li> <li>6. Complete a symmetric figure</li> </ol>	<ul style="list-style-type: none"> <li>➤ 1, 2, 1</li> <li>➤ 3, 2</li> </ul>
	Su Block 5 – Geometry: Position and Direction	
	<ul style="list-style-type: none"> <li>➤ Describe position</li> <li>➤ Draw on a grid</li> <li>➤ Move on a grid</li> <li>➤ Describe a movement on a grid</li> </ul>	Year 3 could do this to extend and consolidate their year 2 learning (Summer block 1)
Su Block 4 – Measurement: Mass and Capacity		
<ul style="list-style-type: none"> <li>➤ Measure mass (1)</li> <li>➤ Measure mass (2)</li> <li>➤ Compare mass</li> <li>➤ Add and subtract mass</li> <li>➤ Measure capacity (1)</li> <li>➤ Measure capacity (2)</li> <li>➤ Compare capacity</li> <li>➤ Add and subtract capacity</li> </ul>		Year 4s can redo this unit if needed by AFL