

Year 3 Overview of Curriculum Content

Autumn		Spring		Summer	
<p style="text-align: center;">Ready to Progress Criteria</p> <p>3NPV-1 Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10</p> <p>3NPV-2 Recognise the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and non-standard partitioning.</p> <p>3NPV-3 Reason about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10</p> <p>3NPV-4 Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.</p> <p>3NF-1 Secure fluency in addition and subtraction facts that bridge 10, through continued practice.</p> <p>3NF-2 Recall multiplication facts, and corresponding division facts, in the 10, 5, 2, 4 and 8 multiplication tables, and recognise products in these multiplication tables as multiples of the corresponding number.</p> <p>3AS-1 Calculate complements to 100</p> <p>3AS-2 Add and subtract up to three-digit numbers using columnar methods.</p> <p>3AS-3 Manipulate the additive relationship: Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition, and understand the related property for subtraction.</p> <p>3MD-1 Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.</p>		<p style="text-align: center;">Ready to Progress Criteria</p> <p>3NPV-1 Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10</p> <p>3NPV-4 Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.</p> <p>3NF-3 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10).</p> <p>3AS-3 Manipulate the additive relationship: Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition, and understand the related property for subtraction.</p> <p>3MD-1 Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.</p> <p>3F-1 Interpret and write proper fractions to represent 1 or several parts of a whole that is divided into equal parts.</p> <p>3F-3 Reason about the location of any fraction within 1 in the linear number system.</p>		<p style="text-align: center;">Ready to Progress Criteria</p> <p>3AS-1 Calculate complements to 100</p> <p>3AS-3 Manipulate the additive relationship: Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition, and understand the related property for subtraction.</p> <p>3F-2 Find unit fractions of quantities using known division facts (multiplication tables fluency).</p> <p>3F-4 Add and subtract fractions with the same denominator, within 1</p> <p>3G-1 Recognise right angles as a property of shape or a description of a turn, and identify right angles in 2D shapes presented in different orientations.</p> <p>3G-2 Draw polygons by joining marked points, and identify parallel and perpendicular sides.</p>	
Place Value		Multiplication & Division A		Fractions B	
<p>Step 1 Represent numbers to 100</p> <p>Step 2 Partition numbers to 100</p> <p>Step 3 Number line to 100</p> <p>Step 4 Hundreds</p> <p>Step 5 Represent numbers to 1,000</p> <p>Step 6 Partition numbers to 1,000</p> <p>Step 7 Flexible partitioning of numbers to 1,000</p>	<p>Step 8 Hundreds, tens and ones</p> <p>Step 9 Find 1, 10 or 100 more or less</p> <p>Step 10 Number line to 1,000</p> <p>Step 11 Estimate on a number line to 1,000</p> <p>Step 12 Compare numbers to 1,000</p> <p>Step 13 Order numbers to 1,000</p> <p>Step 14 Count in 50s</p>	<p>Step 9 Multiply by 4</p> <p>Step 10 Divide by 4</p> <p>Step 11 The 4 times-table</p> <p>Step 12 Multiply by 8</p> <p>Step 13 Divide by 8</p> <p>Step 14 The 8 times-table</p> <p>Step 15 The 2, 4 and 8 times-tables</p>	<p>Step 1 Add fractions 3F-4</p> <p>Step 2 Subtract fractions 3F-4</p> <p>Step 3 Partition the whole</p> <p>Step 4 Unit fractions of a set of objects 3F-2</p> <p>Step 5 Non-unit fractions of a set of objects</p> <p>Step 6 Reasoning with fractions of an amount</p>		
Addition and Subtraction		Money		Multiplication & Division B	
<p>Step 1 Apply number bonds within 10</p> <p>Step 2 Add and subtract 1s</p> <p>Step 3 Add and subtract 10s</p> <p>Step 4 Add and subtract 100s</p> <p>Step 5 Spot the pattern</p> <p>Step 6 Add 1s across a 10</p> <p>Step 7 Add 10s across a 100</p> <p>Step 8 Subtract 1s across a 10</p> <p>Step 9 Subtract 10s across a 100</p> <p>Step 10 Make connections</p> <p>Step 11 Add two numbers (no exchange)</p>	<p>Step 12 Subtract two numbers (no exchange)</p> <p>Step 13 Add two numbers (across a 10)</p> <p>Step 14 Add two numbers (across a 100)</p> <p>Step 15 Subtract two numbers (across a 10)</p> <p>Step 16 Subtract two numbers (across a 100)</p> <p>Step 17 Add 2-digit and 3-digit numbers</p> <p>Step 18 Subtract a 2-digit number from a 3-digit number</p> <p>Step 19 Complements to 100</p> <p>Step 20 Estimate answers</p> <p>Step 21 Inverse operations</p> <p>Step 22 Make decisions</p>	<p>Step 1 Pounds and pence</p> <p>Step 2 Convert pounds and pence</p> <p>Step 3 Add money</p> <p>Step 4 Subtract money 3AS-1</p> <p>Step 5 Find change 3AS-1</p>	<p>Step 1 Multiples of 10 (NF3) (MD1)</p> <p>Step 2 Related calculations (NF3) (MD1)</p> <p>Step 3 Reasoning about multiplication</p> <p>Step 4 Multiply a 2-digit number by a 1-digit number – no exchange (MD1)</p> <p>Step 5 Multiply a 2-digit number by a 1-digit number – with exchange (MD1)</p> <p>Step 6 Link multiplication and division (MD1)</p>	<p>Step 7 Divide a 2-digit number by a 1-digit number – no exchange (MD1)</p> <p>Step 8 Divide a 2-digit number by a 1-digit number – flexible partitioning (MD1)</p> <p>Step 9 Divide a 2-digit number by a 1-digit number – with remainders (MD1)</p> <p>Step 10 Scaling (NF3) (MD1)</p> <p>Step 11 How many ways? (MD1)</p>	
Multiplication & Division A		Shape		Mass & Capacity	
<p>Step 1 Multiplication – equal groups</p> <p>Step 2 Use arrays</p> <p>Step 3 Multiples of 2</p> <p>Step 4 Multiples of 5 and 10</p> <p>Step 5 Sharing and grouping</p> <p>Step 6 Multiply by 3</p> <p>Step 7 Divide by 3</p> <p>Step 8 The 3 times-table</p>	<p>Step 1 Turns and angles</p> <p>Step 2 Right angles 3G-1</p> <p>Step 3 Compare angles 3G-1</p> <p>Step 4 Measure and draw accurately</p> <p>Step 5 Horizontal and vertical</p> <p>Step 6 Parallel and perpendicular 3G-2</p>	<p>Step 7 Recognise and describe 2-D shapes</p> <p>Step 8 Draw polygons 3G-2</p> <p>Step 9 Recognise and describe 3-D shapes</p> <p>Step 10 Make 3-D sha</p>	<p>Step 1 Use scales</p> <p>Step 2 Measure mass in grams</p> <p>Step 3 Measure mass in kilograms and grams</p> <p>Step 4 Equivalent masses (kilograms and grams)</p> <p>Step 5 Compare mass</p> <p>Step 6 Add and subtract mass</p>	<p>Step 7 Measure capacity and volume in millilitres</p> <p>Step 8 Measure capacity and volume in litres and millilitres</p> <p>Step 9 Equivalent capacities and volumes (litres and millilitres)</p> <p>Step 10 Compare capacity and volume</p> <p>Step 11 Add and subtract capacity and volume</p>	
Length and Perimeter Unit		Fractions A		Time	
<p>Step 1 Measure in metres and centimetres (NPV1)</p> <p>Step 2 Measure in millimetres (NPV1)</p> <p>Step 3 Measure in centimetres and millimetres (NPV1)</p> <p>Step 4 Metres, centimetres and millimetres</p> <p>Step 5 Equivalent lengths (metres and centimetres) (NPV1)</p> <p>Step 6 Equivalent lengths (centimetres and millimetres) (NPV1)</p>	<p>Step 7 Compare lengths</p> <p>Step 8 Add lengths-</p> <p>Step 9 Subtract lengths</p> <p>Step 10 What is perimeter?</p> <p>Step 11 Measure perimeter</p> <p>Step 12 Calculate perimeter</p>	<p>Step 1 Understand the denominators of unit fractions (3F1)</p> <p>Step 2 Compare and order unit fractions (3F3)</p> <p>Step 3 Understand the numerators of non-unit fractions (3F1)</p> <p>Step 4 Understand the whole (3F1)</p> <p>Step 5 Compare and order non-unit fractions (3F3)</p> <p>Step 6 Fractions and scales (NF3)</p>	<p>Step 7 Fractions on a number line (3F3)</p> <p>Step 8 Count in fractions on a number line (3F3)</p> <p>Step 9 Equivalent fractions on a number line (NF3)</p> <p>Step 10 Equivalent fractions as bar models (NF3)</p>	<p>Step 1 Roman numerals to 12</p> <p>Step 2 Tell the time to 5 minutes</p> <p>Step 3 Tell the time to the minute</p> <p>Step 4 Read time on a digital clock</p> <p>Step 5 Use am and pm</p> <p>Step 6 Years, months and days</p> <p>Step 7 Days and hours</p> <p>Step 8 Hours and minutes – use start and end times</p>	<p>Step 9 Hours and minutes - use durations</p> <p>Step 10 Minutes and seconds</p> <p>Step 11 Units of time - omit if running out of time</p> <p>Step 12 Solve problems with time- omit if running out of time</p>
				Statistics	
				<p>Step 1 Interpret pictograms</p> <p>Step 2 Draw pictograms</p> <p>Step 3 Interpret bar charts</p> <p>Step 4 Draw bar charts</p> <p>Step 5 Collect and represent data</p> <p>Step 6 Two-way tables</p>	