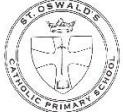


Year Group	 <h1 style="text-align: center; margin: 0;"><u>YEAR 2</u></h1>
<u>Autumn 1</u>	<p><u>Number</u></p> <ul style="list-style-type: none"> • count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward • read and write numbers to at least 100 in numerals and in words • recognise the place value of each digit in a two-digit number • identify, represent and estimate numbers using different representations, including the number line • compare and order numbers from 0 up to 100; use and = signs recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 • recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. • add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU+U, TU+T, TU+TU and U+U+U • solve problems with addition and subtraction, using concrete, pictorial and abstract representations including: TU+U, TU+T, TU+TU and U+U+U • show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
<u>Autumn 2</u>	<p><u>Number</u></p> <ul style="list-style-type: none"> • recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers • calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs • show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot • recognise, find, name and write fractions $1/3$, $1/4$, $2/4$ and $3/4$ of a length, shape, set of objects or quantity • write simple fractions for example, $1/2$ of 6 = 3 and recognise the equivalence of $2/4$ and $1/2$.
<u>Spring 1</u>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> • choose and use appropriate standard units to estimate and measure length/height (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels • compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and = • recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value • find different combinations of coins that equal the same amounts of money • solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change • compare and sequence intervals of time • tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times • know the number of minutes in an hour and the number of hours in a day

<u>Spring 2</u>	<p>Geometry</p> <ul style="list-style-type: none"> identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. compare and sort common 2-D and 3-D shapes and everyday objects. identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D and 3-D shapes and everyday objects. order and arrange combinations of mathematical objects in patterns and sequences. use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and $\frac{3}{4}$ turns
<u>Summer 1</u>	<p>Statistics</p> <ul style="list-style-type: none"> interpret and construct simple pictograms, tally charts, block diagrams and simple tables ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity ask and answer questions about totalling and comparing categorical data
<u>Summer 2</u>	<p>Revision and Reinforcement of targeted areas</p>
<u>Continuous objectives</u>	<p>The continuous objectives are woven into the teaching continually during the year. Children are given continual and regular opportunities to apply their knowledge to problem solving and reasoning.</p> <ul style="list-style-type: none"> count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward use place value and number facts to solve problems solve problems with addition and subtraction, using concrete, pictorial and abstract representations recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.
<u>Key Basic skills to be taught continuously through the year</u>	<p>Count across 100, forwards and backwards, in steps of 2, 3, and 5 from 0 and in tens from any number</p> <p>Read and write numbers to at least 100 in numerals and in words</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>Find 10 more and 1 less than a given number</p> <p>Recognise zero as a place holder</p> <p>Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs</p> <p>Partition numbers in different ways</p> <p>Round numbers to the nearest 10 and use this for estimation and calculation purposes</p> <p>Recall addition and subtraction facts to 20 and derive and use related facts up to 100</p> <p>Explore inverse relationship between addition and subtraction and use this to derive</p>

new facts and to check answers
Double any number between 1 and 30 and find all corresponding halves
Add and subtract numbers mentally using the appropriate strategies and jottings
Solve missing number addition and subtraction problems
Solve missing number problems with multiplication and division
Recognise, name and count and state different amounts of fractions eg $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$
Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
Find different combinations of coins to make a particular values
Know relationships and simple equivalents between given units for length, mass and capacity.
Identify and describe the properties of 2-D and 3-D shapes
Identify angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)