



Year 2 Long Term Maths Overview

Year 2 Advent Term - 12 weeks		
Weeks	Maths Topic	Objectives Covered
1	Place Value	Start of year assessment To be able to read and write numbers 1-20 in numerals and words. (Yr 1) <ul style="list-style-type: none"> • LO1: To be able to read and write numbers to at least 100 in numerals and words. • LO2: To be able to recognise the place value of each digit in a 2 digit number. (10's and 1's) • LO3: To be able to identify, represent and estimate numbers using different representations, including the number line. • LO4: To be able to compare and order numbers from 0 up to 100; use <, > and = signs. • LO5: To be able to count in steps of 2, 5 from 0 and in 10s from any number forwards and backwards. • LO6: To be able to count in steps of 3 from 0, forwards and backwards.
2	Place Value	
3	Place Value	
4	Place Value	
5	Addition and Subtraction	To represent and use number bonds and related subtraction facts to 20. (Yr 1) <ul style="list-style-type: none"> • LO7: To be able to recall and use addition facts to 20 • LO8: To be able to recall and use addition facts to 20 fluently and derive and use related facts up to 100. • LO9: To be able to add and subtract numbers using concrete objects, pictorial representations and mentally, including a two digit number and ones. • LO10: To be able to add numbers using concrete objects, pictorial representations and mentally, including adding three 1-digit numbers. • LO11: To be able to add and subtract numbers using concrete objects, pictorial representations and mentally, including a two digit number and tens. • LO12: To be able to add numbers using concrete objects, pictorial representations and mentally, including two 2-digit numbers. • LO13: To be able to subtract numbers using concrete objects, pictorial representations and mentally, including two 2-digit numbers.
6	Addition and Subtraction	
7	Addition and Subtraction	
8	Addition and Subtraction	
9	Addition and Subtraction	
10	Shape	<ul style="list-style-type: none"> • LO14: To be able to identify 2-D and 3-D shapes. • LO15: To be able to identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. • LO16: To be able to compare and sort common 2-D shapes and everyday objects. • LO17: To be able to identify 2-D shapes on the surface of 3-D shapes e.g. a circle on a cylinder and a triangle on a pyramid. • LO18: To be able to identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.
11	Shape	
12	Shape	
END OF TERM PROGRESS ASSESSMENTS		



Year 2 Lent Term - 12 weeks

Weeks	Maths Topic	Objectives Covered	
1	Money	<p>To be able to recognise and know the value of different denominations of coins and notes.</p> <ul style="list-style-type: none"> L.O.19: To be able to recognise and use symbols for pounds (£) and pence (p) combine amounts to make a particular value. L.O.20: To be able to solve simple problems in a practical context involving addition of money of the same unit. L.O.21: To be able to find different combination of coins that equal the same amounts of money. L.O.22: To be able to solve simple problems in a practical context involving subtraction of money of the same unit, including giving change. 	
2	Money		
3	Multiplication and Division	<ul style="list-style-type: none"> LO23: To be able to calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (x) and equals (=) signs. LO24: To be able to show that multiplication of two numbers can be done in any order (commutative). LO25: To be able to calculate mathematical statements for division within the multiplication tables and write them using the division (÷) and equals (=) signs. LO26: To be able to show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. LO27: To be able to recall and use multiplication facts for the 2 multiplication tables. LO28: To be able to recall and use division facts for the 2 multiplication tables. LO29: To be able to recognise odd and even numbers. LO30: To be able to recall and use multiplication facts for the 10 multiplication tables. LO31: To be able to recall and use division facts for the 10 multiplication tables. LO32: To be able to recall and use multiplication facts for the 5 multiplication tables. LO33: To be able to recall and use division facts for the 5 multiplication tables. LO34: To be able to solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. 	
4	Multiplication and Division		
5	Multiplication and Division		
6	Multiplication and Division		
7	Multiplication and Division		
8	Length and Height		<ul style="list-style-type: none"> LO35: To be able to choose and use appropriate standard units to estimate and measure length/height (m/cm) in any direction to the nearest appropriate unit, using rulers. LO36: To be able to compare and order lengths and record the results using <, > and =. LO37: To be able to solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures. LO 38: To be able to solve problems involving multiplication and division, using materials, stays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
9	Length and Height		
10	Mass, capacity and temperature	<ul style="list-style-type: none"> LO39: To be able to compare and order mass and record the results (using <, > and =) LO40: To be able to choose and use appropriate standard units to estimate and measure mass (kg/g) to the nearest appropriate unit, using scales and measuring vessels. LO41: To be able to compare and order volume/capacity and record the results (using <, > and =). LO42: To be able to choose and use appropriate standard units to estimate and measure capacity (l/ml) to the nearest appropriate unit, using scales and measuring vessels. LO43: To be able to choose and use appropriate standard units to estimate and measure temperature (oC) to the nearest appropriate unit, using thermometers. 	
11	Mass, capacity and temperature		
12	Mass, capacity and temperature		

END OF TERM PROGRESS ASSESSMENTS



Year 2 Pentecost Term - 12 weeks

Weeks	Maths Topic	Objectives Covered
1	Fractions	<p>To be able to recognise, find and name a half as one of two equal parts of an object, shape or quantity (Yr1) To be able to recognise, find and name a quarter as one of four equal parts of an object, shape or quantity (Yr1).</p> <ul style="list-style-type: none"> LO44: To be able to recognise, find, name and write a $\frac{1}{4}$ of a length, shape, set of objects or quantity. LO45: To be able to recognise, find, name and write a $\frac{1}{3}$ of a length, shape, set of objects or quantity. LO46: To be able to write simple fractions for example, $\frac{1}{2}$ of 6 = 3 LO47: To be able to recognise, find, name and write a $\frac{1}{4}$, $\frac{1}{3}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a shape. LO48: To be able to recognise, find, name and write a $\frac{2}{4}$ of a length, shape, set of objects or quantity. LO49: To be able to write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$. LO50: To be able to recognise, find, name and write $\frac{3}{4}$ of a length, shape, set of objects or quantity.
2	Fractions	
3	Fractions	
4	Time	<p>To be able to tell the time to the hour and draw the hands on a clock face to show these times (Yr1) To be able to tell the time to the half hour and draw the hands on a clock face to show these times (Yr1)</p> <ul style="list-style-type: none"> LO51: To be able to tell and write the time including quarter past and quarter to the hour and to draw the hands on a clock face to show these times. LO52: To be able to tell and write the time to five minutes and to draw the hands on a clock face to show these times. LO53: To be able to know the number of minutes in an hour and the number of hours in a day. LO54: To be able to compare and sequence intervals of time.
5	Time	
6	Time	
7	Statistics	<ul style="list-style-type: none"> LO55: To be able to interpret and construct tally charts. LO56: To be able to interpret and construct simple tables. LO57: To be able to ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. LO58: To be able to interpret and construct block diagrams. LO59: To be able to ask and answer questions about totalling and comparing categorical data. LO60: To be able to interpret and construct simple pictograms.
8	Statistics	
9	Position and Direction	<p>To be able to describe position, direction and movement, including whole, half, quarter and three quarter turns (Yr1).</p> <ul style="list-style-type: none"> LO61: To be able to use mathematical vocabulary for direction and movement, including movement in a straight line. LO62: To be able to use mathematical vocabulary, direction and movement, including distinguishing between rotation as a turn and in terms of right angles for quarter, half and three quarter turns. LO63: To be able to order and arrange combinations of mathematical objects in patterns and sequences.
10	Position and Direction	
11	Consolidation	END OF TERM PROGRESS ASSESSMENTS
12	Consolidation	