



Poulton Lancelyn

Maths

Long Term Plan

Y2

2021/22

	W1	W2 - Number	W3 - Number	W4 - Number	W5 - Operation	W6 - Operation	W7 - Operation	Week 8 - Measure
A1	2 day week –number assessment	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number  Count, read and write numbers to 100 in numerals  Identify and represent numbers using objects and pictorial representations including the number line  Read and write numbers from 1 to 20 in numerals and words	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number  Count, read and write numbers to 100 in numerals  Identify and represent numbers using objects and pictorial representations including the number line  Read and write numbers from 1 to 20 in numerals and words	Count in steps of 2, 5 and 10 from 0  Count in tens from any number, forward and backward	Add numbers using concrete objects, pictorial representations, and mentally, including:  Add 1 digit numbers Bonds to 10 Partition 1 digit numbers Compare numbers/ number sentences	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot  Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Fact families Number bonds	Subtract numbers using concrete objects, pictorial representations, and mentally, including: ☑ a two-digit number and ones ☑ a two-digit number and tens  1 more/ 1 less 10 more/ 10 less Add/ subtract multiples of 10	Compare and sequence intervals of time  Know the number of minutes in an hour and the number of hours in a day.
	W1 - Number	W2 - Operations	W3 - Operations	W4 - Operations	W5 - Operations	W6 – Operations	W7 - Measure	
A2	Compare and order numbers from 0 up to 100; use <, > and = signs  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 (tens, ones)	Add numbers using concrete objects, pictorial representations, and mentally, including: ☑ a two-digit number and ones/ tens ☑ two two-digit numbers (not crossing 10)	Subtract numbers using concrete objects, pictorial representations, and mentally, including: ☑ a two-digit number and ones, crossing 10 ☑ two two-digit numbers (not crossing 10)	Calculate mathematical statements for multiplication and within the multiplication tables and write them using the multiplication (×) equals (=) signs  Show that multiplication of two numbers can be done in any order (commutative)  Solve problems involving multiplication, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Calculate mathematical statements for division and within the multiplication tables and write them using division (÷) and equals (=) signs  Division of one number by another cannot be done in any order	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers  Solve problems involving division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	order and arrange combinations of mathematical objects in patterns and sequences  Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	
	W1 - Money	W2 - Money	W3 - Operations	W4 - Operations	W5 - Operations	W6 - Fractions	W7 - Operations	
Sp1	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	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	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: ☑ review of mental strategies: bonds, doubles, near doubles ☑ adding three one-digit numbers ☑ problem solving using fact families	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	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	Calculations Review- All 4 operations Written methods	

	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	money of the same unit, including giving change						
	W1 - Measure	W2 - Measure	W3 - Fractions	W4 - Operations	W5 - Measure	W6 - Geometry		
Sp2	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm)  Compare and order lengths, and record the results using >, < and =	Choose and use appropriate standard units to estimate and measure temperature (C); to the nearest appropriate unit using thermometers  Compare and order temperature and record the results using >, < and =	Fractions of quantities/ numbers highlighted as issue Fractions- only new concept to have been introduced over lockdown	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	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.	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, [for example, a circle on a cylinder and a triangle on a pyramid]  Compare and sort common 2-D and 3-D shapes and everyday objects.		
	W1 - Operations	W2 - Operations	W3 - Fractions	W4 - Fractions	W5 - Measure			
Su1	Add numbers using concrete objects, pictorial representations, and mentally, including: ☑ two two-digit numbers ☑ adding three one-digit numbers  Subtract numbers using concrete objects, pictorial representations, and mentally, including: ☑ two two-digit numbers	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 $\frac{1}{2}$	Choose and use appropriate standard units to estimate capacity (litres/ml) to the nearest appropriate unit, using measuring vessels  Compare and order lengths, mass, volume/capacity and record the results using >, < and =			
	W1 - Operations	W2 - Operations	W3 - Geometry	W4 - Fractions	W5 - Geometry	W6 - Statistics	W7 - Measure	
Su 2	Add and subtract numbers using concrete objects, pictorial	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation	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	Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	Interpret and construct simple pictograms, tally charts, block	Mass Choose and use appropriate standard units to estimate and measure mass (kg/g);	

	representations, and mentally, including: ☒ two two-digit numbers ☒ adding three one-digit numbers	and division facts, including problems in contexts	as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).	Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]  Compare and sort common 2-D and 3-D shapes and everyday objects.	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.	to the nearest appropriate unit, using scales  Compare and order mass, record the results using >, < and =	
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