<u>AUTUMN TERM – YEAR 2</u>						
Place value – number to 100	Number: Addition and Subtraction	Multiplication & Division				
To count objects to 100 efficiently,	To record known facts in different ways within	To understand that objects can be grouped together and that groups				
using their understanding of counting	addition and subtraction calculations.	containing the same number of objects are equal groups				
in tens and ones.	To understand that you can do a subtraction	To write repeated addition and multiplication sentences to match a				
To recognise and represent numbers	calculation to check addition and vice versa.	picture				
to 100 in different ways	To make links between numbers in sets of	To use a number line alongside repeated addition and multiplication				
To partition numbers into tens and	number sentences and compare addition and	sentences to work out a total.				
ones.	subtraction facts within 20	To be introduced to two multiplication calculations and two				
To develop the understanding of	To use known facts to determine other facts.	repeated addition calculations.				
partitioning 2-digit numbers,	To make number bonds to 100 using a 100	To learn how to relate arrays to a repeated addition sentence and				
recording this as an addition	square to help.	multiplication sentence				
calculation.	To add and subtract 1s to or from a 2-digit	To learn the 2 times-table in a number of contexts				
To use a place value grid to show the	number without exchanging	To learn the 5 times-table in a number of contexts.				
value of digits within a 1- or 2-digit	To fi d 10 more and 10 less than a number	To learn the 10 times-table in a number of contexts and make				
number.	addition and subtraction of more than one ten	explicit links to place value.				
To be able to compare numbers	to a 2-digit number	To apply knowledge of multiplication to answer scaling questions				
using place-value	To add 2-digit and 1-digit numbers together,	To use repeated subtraction to model division calculations				
To use the understanding of place	with the focus on bridging 10	To learn another strategy for dividing by sharing a number equally				
value and comparing numbers to	using different methods for addition and	into groups.				
order more than two numbers.	focusing on the column method.	To relate 2 times-table facts to dividing by 2				
To learn to count forwards and	To subtract a 1-digit number from a 2-digit	To understand the difference between odd and even.				
backwards in 2s, 5s and 10s.	number	To divide numbers by 5 by grouping and on a number line				
To count forwards and backwards	To add together two 2-digit numbers	To divide numbers by 10				
in 3s.	To add two 2-digit numbers and extend to	To represent division calculations using a bar model and using				
	where exchange is required.	grouping.				
	To subtract a 2-digit number from another 2-	To represent division calculations using a bar model and a sharing				
	digit number without exchange	method.				
	To subtract a 2-digit number from another 2-	To solve a range of division problems using a range of visual				
	digit number using partitioning of the ones to	representations				
	cross ten.					
	To subtract a 2-digit number from another 2-					
	digit number with exchange					
	To add three numbers presented in a variety					
	of ways, including concrete and pictorial					
	representations					
	To represent word problems using single					
	har models					
	bai models					

YEAR 2 - SPING TERM							
Measurement –	<b>Fractions</b>	Measures – Weight, Volume & temperature	Addition & Subtraction – problem solving				
length & height	To make equal parts from a	To use balance scales to compare the mass	<u>&amp; efficient methods</u>				
To use rulers to	whole in different contexts.	of two or more objects	To solve money problems using a variety of				
measure simple	To identify which objects have	To explore the use of standard units of mass	addition and subtraction strategies.				
objects to the nearest	been split into two equal	(grams)	To make links between calculations to				
centimetre.	parts.	To measure and compare the mass of	calculate unknown quantities, based on				
To estimate and	To find one half of different	objects that are over 100 g using scales,	similarities and differences between the				
measure a range of	amounts of objects, shapes	giving the mass to the nearest 100 g.	parts and the wholes.				
objects, using metres	and numbers.	To explore measuring and estimating mass	To use known number facts to determine				
as a unit of	To recognise shapes that have	using both grams and kilograms.	whether the total calculated is feasible,				
measurement.	been split into four equal	To explore, measure and compare volume	without completing the whole calculation.				
To compare lengths	parts as quarters	and capacity.	To become more familiar with the 100				
measured in	To find one quarter of	To explore and use millilitres (ml) as a	square and use it to confidently count				
centimetres and	different amounts by sharing	standard unit of measuring capacity and	forward and backwards in steps of ten and				
metres.	them into four equal groups.	volume.	one in addition and subtraction problems.				
To order sets of	To recognise 1/2 , 1/4 and 1/	To estimate and measure capacity and	To find multiple answers to the same				
lengths measured in	3 of different shapes and	volume in ml.	questions				
centimetres or metres	amounts.	To use litres as a standard unit of measure	To identify what they know from a question				
To use a range of	To be introduced to non-unit	To read temperatures from a thermometer	and use it to work out unknowns,				
methods to solve	fractions (fractions in which	and use temperature to make simple	rearranging number sentences as				
word problems	the numerator is not 1).	comparisons and to carry out calculations.	appropriate.				
involving length and	To recognise that 1/ 2 and 2/ 4	To apply knowledge of counting in 2s, 5s and	To calculate unknown quantities using				
height.	are equivalent fractions.	10s to reading different scales on	mental calculations				
	To work out unit and non-unit	thermometers.	To add or subtract a multiple of 10 to or				
	fractions of numbers up to 20.		from a number and then adjust				
	To recognise non-unit		To use efficient methods for subtracting				
	fractions as one whole.		To solve a variety of different 1- and 2-step				
	To write numbers that are		problems that will require appropriate				
	made of whole and parts		calculation strategies.				
	To count forwards and						
	backwards in halves with the						
	aid of a number line.						
	To learn how to count in						
	quarters.						

SUMMER TERM – YEAR 2								
Money	Time	<u>Shape</u>	Statistics	Positional language				
To learn the value of a range of	To read and describe times	To recognise and name 2D and 3D	To read and construct	To describe				
coins and explore ways to find	to the hour and the half	shapes and make links between	tally charts.	movement and follow				
the total of different amounts.	hour	them.	To read pictograms,	instructions using the				
To learn the value of notes and	To describe times using the	To apply what has been learnt	linking them to tally	words 'le- ', 'right',				
find total amounts of them.	vocabulary of 'quarter past'	about the properties of shapes in	charts and construct	'forwards' and				
To count different amounts of	and 'quarter to using an	order to accurately draw 2D	them from given data.	'backwards'.				
money and record their	analogue clock	shapes.	To read and construct	To describe quarter,				
answers in pounds and pence	To tell and write time to 5-	To count the number of sides on	pictograms in which	half and three-quarter				
To select the right combination	minute intervals.	2D shapes and will learn to use this	symbols represent	turns around a point				
of coins and notes for a given	To recognise how many	knowledge to categorise different	more than one item.	using the terms				
amount.	minutes are in an hour.	shapes.	To read and interpret	'clockwise' and				
To use different combinations	To find durations of time	To recognise classify shapes by the	pictograms finding	'anticlockwise'.				
of coins and notes to make the	To use understanding of	number of vertices.	totals and compare	To combine rotation				
same amount of money.	durations of time and	To identify shapes and images that	amounts.	and linear movement				
To compare amounts of money	counting around a clock to	have reflective symmetry and	To read and interpret	in order to follow or				
using the correct vocabulary	find an end time, when	identify where the line of	pictograms that have	describe a designated				
and the signs and =.	given a start time and a	symmetry lies.	symbols representing	path. Ta ang bulway da da a				
I o find the total cost of given	duration.	To sort polygons by different	To road, construct and	To apply knowledge				
items.	To use understanding of	Criteria.	interpret block	about rotation and position in order to				
To find the difference between	durations of time and	shapes	diagrams	complete and				
the cost and the amount paid	find a start time, when	Shapes.	To colvo word problems	doscribo pattorns				
when receiving change	siven a start time and a	2D shapes	involving the charts	describe patterns.				
To use prior knowledge to solve	given a start time and a	SD shapes	looked at					
two-step word problems	To learn that there are 24	the line where two faces most						
	hours in a day	To understand that vortices on a						
	nours in a day.	3D shape are where three or more						
		edges meet						
		To sort 3D shapes based on their						
		properties						
		To make symmetrical patterns with						
		3D shapes.						