

Maths Medium Term Planning – Mixed Age

Year Groups: Years 1 and EYFS

Term: Autumn

	Maths Topic	Year 1	Reception	
				Session Inputs EYFS
Week 1	Number & Place Value	<ul style="list-style-type: none"> To know that one ten is the same as ten ones To count in tens and combine with ones to find a total and make with place value cards Adding a multiple of ten gives the next multiple of ten, subtracting a multiple of ten gives the previous multiple of ten. 	<ul style="list-style-type: none"> The oneness of one The twoness of two 	<ul style="list-style-type: none"> Watch numberblocks one Formation of number one What is one? what is not one? Finding one – numicon piece, cuisenaire, 1 pencil etc – how many ways can we show one? Watch numberblocks two and formation Matching socks into pairs – a pair is two What is two and what is not two? One and one more is two How many ways can we make two? (numicon piece 2 including a 1 piece and a 1 piece is the same as 2, cuisenaire etc and 2 pencils etc)
Week 2				
Week 3	Addition	<ul style="list-style-type: none"> I know one more than a given number I know numbers to ten can be partitioned in different ways If we know one part of a partitioned number we can find the other part To know addition is the combining of two groups in any order, including zero 	<ul style="list-style-type: none"> The threeness of three The fourness of four 	<ul style="list-style-type: none"> Watch numberblocks three and formation How many ways can we make three? (numicon and cuisenaire and objects) Combinations of three using ladybirds or dominoes – is it 3? Is it not 3? Three is a pair and one more Watch numberblocks four and formation
Week 4				

				<ul style="list-style-type: none"> • How many ways can we make four? (numicon and cuisenaire and objects – ensuring the children know that a 3 piece and 1 piece also same as the four etc) • Combinations with ladybirds / dominoes – is it 4? Is it not 4? What is it? • Four is two pairs, 2 and 2 more or 3 and 1 more
Week 5	Geometry 2D Shape	<ul style="list-style-type: none"> • To know the names of 2D shapes and recognise in different orientations • To know the properties of 2D shapes • To know why a representation is not a given shape 	<ul style="list-style-type: none"> • To introduce the shapes – circle, square and triangle and explore 	<ul style="list-style-type: none"> • Sort shapes – by colour, by size, by shape (it is not important to remember properties of them just talk about what they see) • Shape hunt around school – use own shapes to check • Making shapes using band board, string, straws – am I correct, is this a triangle? How do I know?
Week 6	Subtraction	<ul style="list-style-type: none"> • To know one less than a given number • To know that subtraction means you end up with less than you started with • To know that subtraction means ‘taking away/ counting back • To know that subtraction can not be done in any order (is not commutative) 	<ul style="list-style-type: none"> • To fiveness of five • The sixness of six (three pairs) 	<ul style="list-style-type: none"> • Watch numberblocks five and formation • How many ways can we make five? (numicon and cuisenaire and objects) • Combinations of five using ladybirds or dominoes – is it 5? Is it not 5? Or using fingers up and fingers down • Five is two pairs and one more • Watch number blocks six and practice formations • What is six? – what is not six? Recognition of group size
Week 7				

				<ul style="list-style-type: none"> • Finding six – show numicon piece and cuisenaire piece – how many other sixes can we find/make? • Ways to make six – ladybird spots, dominoes etc
Week 8	Fractions	<ul style="list-style-type: none"> • To know that $\frac{1}{2}$ is two equal parts – shape, length, number • To recognise equal and unequal – length, shape and number 	<ul style="list-style-type: none"> • To sort a set of objects by colour or size 	<ul style="list-style-type: none"> • Sort a set of bears into 2 sets (2 colours only) – ask the children. Then use a set with more than two colours and sort into 2 sets (e.g Red and not Red) • Sort a set of objects containing many colours into 2 groups – (blue and not blue etc) • Use compare bears and sort into three groups – if they are insistent on only sorting by colour restrict to one colour to end up with 3 sizes • Children decide on sorts into two groups i.e Big and not big
Week 9	Measurement length	<ul style="list-style-type: none"> • To compare and use language of shorter/ taller, shorter/longer • To use non-standard units to measure length and height and begin to record these 	<p>Explore length</p> <ul style="list-style-type: none"> • Vocab: longer, shorter, longer than, shorter than 	<ul style="list-style-type: none"> • Show two snakes – what can you tell me? Which is shorter which is longer? • Tray of items - ask child to choose two – which is longer? Which is shorter? • Look at Cuisenaire rods – which is longer? • Coloured strips of paper to make paper chains – who can make the longest?
Week 10	Multiplication & division	<ul style="list-style-type: none"> • To know doubles up to $10 + 10$ • To know that doubling is 2 equal groups • To count in tens and know that means 7 lots of 10 	<ul style="list-style-type: none"> • To know one more • To know one less • To identify and use vocabulary 	<ul style="list-style-type: none"> • Bus game – how many on the bus? One more gets on – how many now? • Beadstring/ rekenrek to show one more
Week 11				

		<ul style="list-style-type: none"> To begin to count in 2s using concrete objects To begin to share into 2 equal groups 	of more or less to compare two sets	<ul style="list-style-type: none"> Show a group of objects – find one more Make a staircase with multilink – how many? Then add one more step Bus game – how many on the bus? One gets off – how many now? Songs – five little speckled frogs Song five little ducks Show a group of objects, how many? Take one away – find one less Lots of practical comparisons of sets – which has more? Which has less? How do we know?
Week 12	Measurement Mass	<ul style="list-style-type: none"> To compare and use language of heavier than and lighter than To use balance scales to determine heavier/ lighter To use non-standard units to 'weigh' items 	<ul style="list-style-type: none"> To explore heavier and lighter 	<ul style="list-style-type: none"> In hand pick up a stone/ rock – in other hand pick up a feather – which is light? Which is heavy? Use bucket scales put one item in each side – which is heavy? Which is light? Continue to practise using hand to decide heavy and light Continue to practice using balance to show heavy and light
Week 13	Assessment and revision	<ul style="list-style-type: none"> PUMA Assessments 	<ul style="list-style-type: none"> Maths from stories – revision week 	<ul style="list-style-type: none"> Read book – Washing line Read Book – Pete the cat and his four groovy buttons Read Book – Five little men in a flying saucer Read book – Six Dinner Sid

ONGOING	Ongoing Reception
<ul style="list-style-type: none">• To know the days of the week in order• To know the months of the year in order• To know 1st, 2nd, 3rd etc (ordinal numbers)• To have a concept of how long is a second, a minute, an hour• Measuring temperatures – expose to negative numbers in the winter• What is an odd number? What is an even number?• To write words to represent numbers	<ul style="list-style-type: none">• Number songs, counting forwards and back, subitising, counting sets, knowing different colours, knowing different sizes (big, medium, small) recognising and sorting simple 2 d shapes

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Year Groups: Years 1 and EYFS

Term: Spring

	Maths Topic	Year 1	Reception	
				Session Inputs EYFS
Week 1	Number & Place Value	<ul style="list-style-type: none"> To count in multiples of ten Knowledge of 0-10 number line can be used to estimate the position of multiples of ten on a 0-100 number line To count in tens and combine with ones to find a total and make with place value cards 	<ul style="list-style-type: none"> The sevenness of seven The eightness of eight 	<ul style="list-style-type: none"> Watch number blocks seven and practice formations What is seven? – what is not seven? Recognition of group size Finding seven – show numicon piece and cuisenaire piece – how many other sevens can we find/make? Ways to make seven – ladybird spots, dominoes etc Watch number blocks eight and practice formations What is eight? – what is not eight? Recognition of group size Finding eight – show numicon piece and cuisenaire piece – how many other eights can we find/make? Ways to make eight – ladybird spots, dominoes etc
Week 2				
Week 3	Addition & Subtraction	<ul style="list-style-type: none"> To know addition and subtraction facts within twenty To add and subtract 1 and 2 digit numbers to twenty including zero 	<ul style="list-style-type: none"> The nineness of nine The tensness of ten 	<ul style="list-style-type: none"> Watch number blocks nine and practice formations What is nine? – what is not nine? Recognition of group size Finding nine – show numicon piece and cuisenaire piece – how many other nine can we find/make?
Week 4				

				<ul style="list-style-type: none"> • Ways to make nine – ladybird spots, dominoes etc • Watch number blocks ten and practice formations • What is ten? – what is not ten? Recognition of group size • Finding ten – show numicon piece and cuisenaire piece – how many other tens can we find/make? • Ways to make ten – ladybird spots, dominoes etc
Week 5	Fractions	<ul style="list-style-type: none"> • To know that $\frac{1}{2}$ is one of two equal parts – length, shape, quantity • To know $\frac{1}{4}$ is one of four equal parts – length, shape, quantity 	<ul style="list-style-type: none"> • To understand zero represents nothing 	<ul style="list-style-type: none"> • Numberblocks zero • Zero storybook • Use a big picture – how many birds? Cars? Etc – include zero • Formation of zero
Week 6	Statistics	<ul style="list-style-type: none"> • To represent data in tally charts and pictograms 	<p>Explore height</p> <ul style="list-style-type: none"> • Vocab: taller, shorter, taller than and shorter than 	<ul style="list-style-type: none"> • Make two towers – which is taller, which is shorter? • Show two plants- which is shorter which is taller? • Taller/ shorter game on computer • Taller/ shorter story book
Week 7	Multiplication & Division	<ul style="list-style-type: none"> • To know that $2+2+2+2$ is the same as 4 lots of 2 etc – repeat using 5s • To count in fives using concrete apparatus • To know that sharing/ division means that all groups are equal (reinforce odd and even numbers) 	<ul style="list-style-type: none"> • Combining two groups 	<ul style="list-style-type: none"> • Look at one set of objects (dots) and another set of objects and combine – how many altogether • Combining sets using part /part /whole model
Week 8				

Week 9	Measurement: Time	<ul style="list-style-type: none"> To use language of earlier or later To tell the time to the hour and half past on an analogue clock 	<p>Events in time</p> <ul style="list-style-type: none"> Vocab – now, before, after, later, soon, then, next, yesterday, today, tomorrow 	<ul style="list-style-type: none"> Read Jasper’s Beanstalk Read Mr Wolf’s Week Talk about the events in the day and order pictures
Week 10	Measurement: Money	<ul style="list-style-type: none"> To recognise different coins and notes and know they have different values To find the total of a set of coins (10, 5,2,1) up to 20pence 	<ul style="list-style-type: none"> To explore repeating patterns (2 variables, maximum 3) 	<ul style="list-style-type: none"> Using paint sponges print a repeating two colour/shape pattern in front of children – what do they notice? – what comes next? I’ve made a pattern – (leave gaps – what goes in the gap?) I’ve made a pattern – is it correct? where has it gone wrong? Make a pattern using 3 colours/shapes – what do they notice
Week 11	Geometry: 3D shape & position and direction	<ul style="list-style-type: none"> To describe 3d shapes by number of faces, edges and vertices To recognise and name 3d shapes To describe a position including left and right, on top of, in front of, between, forwards and backwards 	<ul style="list-style-type: none"> To name 2d shapes and talk about corners and sides Exploring properties of 3d shapes 	<ul style="list-style-type: none"> Sorting shapes that are the same Sorting shapes including those in different sizes and orientations Show shape pictures – how many triangles etc? Feely bag shape game Input on shapes that stack Input on shapes that roll Sorting shapes according to what they notice Finding 3d shapes in the environment
Week 12				

ONGOING Year 1	ONGOING RECEPTION
<ul style="list-style-type: none">• I know how to tell whether a number is odd or even• To write words to represent numbers• To know clockwise and anti-clockwise• To use arrow card to make two digit numbers and match to dienes	<ul style="list-style-type: none">• To form numbers 0-9• To count reliably up to at least 10• To recognise numbers to 10• To know days of the week• Count forwards and backwards to ten from zero.

Maths Medium Term Planning – Mixed Age

Year Groups: Years 1 and EYFS

Term: Summer

	Maths Topic	Year 1	Reception	
			Session Inputs EYFS	
Week 1	Number & Place Value	<ul style="list-style-type: none"> Known facts for the numbers within ten can be used to add and subtract multiples of ten by unitising 	<ul style="list-style-type: none"> Making numbers that go beyond 10 	<ul style="list-style-type: none"> Watch number blocks Show numbers beyond ten using full tens frame plus some filled in on next tens frame, bundles of ten straws plus ones, numicon tens and pegs plus more pegs & show place value cards to represent
Week 2				
Week 3	Addition & Subtraction	<ul style="list-style-type: none"> To know what is meant by difference To solve one step problems that involve addition and subtraction using concrete objects and pictorial representations To solve missing number problems such as $7 = ? - 9$ 	<ul style="list-style-type: none"> Making numbers that go beyond 10 	<ul style="list-style-type: none"> Watch number blocks Show numbers beyond ten using full tens frame plus some filled in on next tens frame, bundles of ten straws plus ones, numicon tens and pegs plus more pegs & show place value cards to represent
Week 4				
Week 5	Fractions	<ul style="list-style-type: none"> To be able to find half or quarter of a given amount 	<ul style="list-style-type: none"> Problem solving with legs 	<ul style="list-style-type: none"> Book – One is a snail, ten is a crab Combining legs to make totals – a man and a snail is equal to three etc How many different ways can I make 10?
Week 6	Measurement: money & capacity	<ul style="list-style-type: none"> To pay and give change up to 20pence To know an amount can be made in different ways 	<ul style="list-style-type: none"> Exploring capacities Sharing and grouping 	<ul style="list-style-type: none"> A range of practical activities that involve full and empty, half full including more water and less water Practical activities involving sharing and grouping between 2 and 3 –
Week 7				

		<ul style="list-style-type: none"> To know full and empty, more than/less than To use non-standard units to measure capacities and begin to record 		ensure there are number stories to say what has happened e.g I had a bag of 6 sweets and there were 3 children – how can I find out how many they will get each?
Week 8	Multiplication & Division	<ul style="list-style-type: none"> To know odd and even numbers To begin to record multiplication number sentences and introduce x to mean 'lots of' To identify patterns in number and start to make predictions To share numbers into different groups of equal size and begin to record this 	<ul style="list-style-type: none"> Adding more and taking away 	<ul style="list-style-type: none"> Range of practical inputs involving adding and taking away – include maths stories to illustrate e.g I had four carrots and a rabbit ate two of them...
Week 9				
Week 10				
Week 11	Geometry: Position & Direction	<ul style="list-style-type: none"> To know $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and whole turns 	<ul style="list-style-type: none"> Doubling numbers up to 6 +6 	<ul style="list-style-type: none"> Use dice and roll to find doubles – what is double 3? Etc Use dominoes – overturn to find doubles – what is double 4? Use ladybirds and identify doubles
Week 12	Statistics	<ul style="list-style-type: none"> To answer questions about data in tally charts and pictograms (1 pic is 1 vote) 	<ul style="list-style-type: none"> Counting in tens 	<ul style="list-style-type: none"> Use straw bundles of ten to reinforce counting in tens Use numicon to reinforce counting in tens Use cuisenaire rods to reinforce counting in tens Use bead strings to 100 to reinforce counting in tens
Week 13		PUMA Tests	<ul style="list-style-type: none"> Counting in twos 	<ul style="list-style-type: none"> Use numicon 2 piece to count in twos Use pairs of socks to count in twos Use beadstrings and move two together to count in twos Use 2 pence piece to count in twos

ONGOING – YEAR 1	ONGOING - RECEPTION
<ul style="list-style-type: none">• I can tell whether any number between 1-100 is odd or even• To write words to represent numbers• To know $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ turns clockwise and anti-clockwise	<ul style="list-style-type: none">• Rote counting to twenty• Vocabulary – today, yesterday, tomorrow, more than, less than, taller, shorter, longer, heavier, lighter

Maths Medium Term Planning – Mixed Age

Year Groups: Years 2 and 3

Term: Autumn

	Maths Topic	Year 2	Year 3
Week 1	Number & Place Value	<ul style="list-style-type: none"> • I can tell whether a number between 1 and 100 is odd or even • To partition 2-digit numbers into tens and units & be able to make it, draw it, write it in numbers and words <p style="text-align: center;">To count in tens forwards and backwards from any number</p>	<ul style="list-style-type: none"> • To know the place value of digits in a 3 digit number • To identify, represent and estimate numbers using different representations • To count on from zero in 50s and 100s • To find 10 or 100 more or less than a given number
Week 2			
Week 3	Addition	<ul style="list-style-type: none"> • To add three 1digit numbers • To recall & use addition facts to 20 • To know the addition of two numbers can be done in any order • To add a 2 digit number and 1s – not bridging then bridging <p style="text-align: center;">To add a 2-digit number and 10s</p>	<ul style="list-style-type: none"> • To recall and use addition facts to 100 • To add 3 digit number + ones – not bridging then bridging • To add 3-digit number and tens – not bridging then bridging • To add 3 digit number and hundreds – not bridging then bridging
Week 4			
Week 5	Geometry 2D Shape	<ul style="list-style-type: none"> • To identify and describe patterns of 2d shapes • To sort 2d shapes <p style="text-align: center;">To identify vertical lines of symmetry</p>	<ul style="list-style-type: none"> • Draw 2d shapes (rulers needed) • Identify and draw horizontal and vertical lines • Identify perpendicular and parallel
Week 6	Subtraction	<ul style="list-style-type: none"> • To subtract a 1 digit number from a 2 digit number – not bridging then bridging • To subtract a ten from a 2 digit number <p style="text-align: center;">To understand that subtraction can not be done in any order</p>	<ul style="list-style-type: none"> • To subtract 3 digit – 1 digit (not bridging then bridging) • To subtract 3 digit – 2 digit (not bridging then bridging) • To subtract 3-digit – 3 digit (not bridging then bridging)
Week 7			
Week 8	Fractions	<ul style="list-style-type: none"> • To know that a fraction is equal parts of a whole ($\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$) • To know $\frac{2}{4}$ is the same as $\frac{1}{2}$ 	<ul style="list-style-type: none"> • To find a unit fraction of a shape, length or number ($\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{8}$, $\frac{1}{10}$)

		<ul style="list-style-type: none"> To know that when the numerator and denominator are the same the value is one whole 	<ul style="list-style-type: none"> To know that when the numerator and denominator are the same the value is one whole To count up in tenths To find a non-unit fraction of a shape, length or quantity
Week 9	Measurement length	<ul style="list-style-type: none"> To use standard units to estimate and measure a length <p>To know the unit measure is metres and centimetres</p>	<ul style="list-style-type: none"> To measure, compare, add and subtract lengths in mm, cm and metres To know that there are 10mm in a cm and 100cm in a metre To measure and calculate the perimeter of 2d shapes
Week 10	Multiplication & division	<ul style="list-style-type: none"> To know odd and even numbers To count in 2s, 5s and 10s <p>To know multiplication and division facts for 2,5,10 using arrays</p>	<ul style="list-style-type: none"> To count in steps of 4 and 8 To make links between 2,4,8 x with doubling To know corresponding multiplication and division facts for 4 and 8 To multiply a 2 digit number by a 1 digit number using mental methods by partitioning
Week 11			
Week 12	Measurement Mass	<ul style="list-style-type: none"> Choose and use standard measures to estimate and measure masses (g, kg) <p>Read scales and their increments (2s, 5s, 10s)</p>	<ul style="list-style-type: none"> To measure, compare, add and subtract masses in grams and kilograms To read scales

ONGOING

- To write words to represent numbers
- To tell the time in 12 and 24 hour clock
- To know days in each month, days in a year and leap year
- To know $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ turns

Maths Medium Term Planning – Mixed Age

Year Groups: Years 2 and 3

Term: Spring

	Maths Topic	Year 2	Year 3
Week 1	Number & Place Value	<ul style="list-style-type: none"> • To know numbers can be partitioned in different ways • To count in 2s, 5s and 10s • To use >, <, = to compare numbers To position numbers on a number line to 100	<ul style="list-style-type: none"> • To partition in different ways up to 1000 • Revision of draw it, partition it, write it in numerals, write it in words
Week 2			
Week 3	Addition & Subtraction	<ul style="list-style-type: none"> • To add two 2 digit numbers by partitioning – not bridging then bridging • To subtract a 2 digit number from a 2 digit number not bridging then bridging • To be able to show methods of adding and subtracting by drawing 	<ul style="list-style-type: none"> • To add and subtract numbers up to 3 digits using formal written methods (columnal) • To solve problems involving addition and subtraction
Week 4			
Week 5	Fractions	<ul style="list-style-type: none"> • To find $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ of a shape, length or quantity 	<ul style="list-style-type: none"> • To write fractions that match a discrete set of objects • To add and subtract fractions of the same denominator up to one whole
Week 6	Statistics	<ul style="list-style-type: none"> • To read and interpret data in bar charts and pictograms including scales of 2,5 and 10 To create pictograms to represent data 	<ul style="list-style-type: none"> • To interpret and present data using bar charts, pictograms and tables
Week 7	Multiplication & Division	<ul style="list-style-type: none"> • To know that x can be done in any order by division can not • To know that multiplication is repeated addition and division is repeated subtraction Missing number sentences i.e. $30 = ? \times 5$	<ul style="list-style-type: none"> • To know multiplication and division facts for 3,4,8,2,5,10 • To multiply a 2 digit number by a 1 digit number by partitioning • To divide a 2 digit by a 1 digit number • To know fact families for multiplication and division
Week 8			
Week 9	Measurement:Time	<ul style="list-style-type: none"> • To compare sequences of time 	<ul style="list-style-type: none"> • To understand the terms am and pm • To understand the 12 hour and 24 hour clock

		<ul style="list-style-type: none"> To read the time including $\frac{1}{4}$ past, $\frac{1}{4}$ to and half past To tell the time in 5 minute intervals 	<ul style="list-style-type: none"> Read time to the nearest 5 minutes Read time to the nearest minute To compare durations of events
Week 10	Measurement: Money	<ul style="list-style-type: none"> To know there are 100 pennies in a pound To know how many of each coin make £1 To total a set of coins up to £1 To find different ways of making an amount up to £1 <p>To read an amount as £ and pence i.e £1.72</p>	<ul style="list-style-type: none"> To add and subtract and give change using pounds and pence
Week 11	Geometry: 3D shape (Y2) angles (Y3)	<ul style="list-style-type: none"> To know the properties of 3d shapes To identify 2d shapes in 3d faces To sort 3d shapes (it has.../ is does not have...) <p>To identify, order and arrange patterns & sequences of shape</p>	<ul style="list-style-type: none"> Make 3d shapes using modelling materials Recognise 3d shapes in different orientations and describe them To know an angle is a measurement of turn To know that a quarter turn is also called a right angle To know that two right angles make a half turn and three make a $\frac{3}{4}$ turn and four make a whole turn.
Week 12			

ONGOING - Year 2 need to be at pictorial stage of cpa approach by here- incl numberline or drawing apparatus

- To write words to represent numbers
- To know days in each month, days in a year and leap year
- To tell the time in 12 and 24 hour clock

Maths Medium Term Planning – Mixed Age

Year Groups: Years 2 and 3

Term: Summer

	Maths Topic	Year 2	Year 3
Week 1	Number & Place Value	<ul style="list-style-type: none"> To count in 3s To use apparatus to partition and combine beyond 100 To solve problems using place value To know what each digit in a 3 digit number represents 	<ul style="list-style-type: none"> Compare and order numbers to 1000 Count on in 4s and 8s
Week 2	Addition & Subtraction	<ul style="list-style-type: none"> To recognise the inverse relationship between addition and subtraction and use this to check calculations To solve missing number problems involving addition and subtraction 	<ul style="list-style-type: none"> To add and subtract numbers up to 3 digits using formal written methods Use inverse to check accuracy of calculations To solve problems including missing number problems
Week 3			
Week 4	Fractions	<ul style="list-style-type: none"> To reinforce equivalence of $\frac{1}{2}$ & $\frac{2}{4}$ To count up in quarters $\frac{1}{4}$, ... $1\frac{1}{4}$, $1\frac{2}{4}$, $1\frac{3}{4}$, 2 	<ul style="list-style-type: none"> To recognise and show with diagrams, equivalent fractions with small denominators To compare and order unit fractions To compare and order fractions with the same denominator To solve problems using fractions
Week 5			
Week 6	Measurement: temperature	<ul style="list-style-type: none"> To read scales that measure capacities and understand ml/ litres To read scales that measure temperature To add and subtract money giving change of the same unit i.e £-£ or p-p 	<ul style="list-style-type: none"> To read scales on a thermometer and know this is in degrees To understand negative numbers are below zero To calculate differences in temperature using a numberline
Week 7	Measurement: capacity		
Week 8	Multiplication & division	<ul style="list-style-type: none"> To know times tables for 2,5,10 and corresponding division facts 	<ul style="list-style-type: none"> To solve problems involving measuring and scaling

Week 9		<ul style="list-style-type: none"> To count in steps of 3 and represent this as multiplication 	<ul style="list-style-type: none"> To solve problems involving combinations To know multiplication and division facts for 2,3,4,5,8,10 To be able to multiply a 2 digit by 1 digit number To be able to divide a 2 digit by 1 digit number
Week 10			
Week 11	Geometry: Position & Direction (Y2) Angles (Y3)	<ul style="list-style-type: none"> To describe movement in a straight line To know a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ turn and know the difference between clockwise and anti-clockwise 	<ul style="list-style-type: none"> To use a right angle measure to find right angles To identify angles bigger or smaller than a right angle and find them in shapes
Week 12	Statistics	<ul style="list-style-type: none"> To create bar charts and ask and answer questions about them. 	<ul style="list-style-type: none"> To solve 1 and 2 step questions using information presented in scaled bar charts, pictograms and tables.

ONGOING

- To write words to represent numbers
- To know days in each month, days in a year and leap year
- To tell the time in 12 and 24 hour clock