



Manor Church of England Infant School Medium Term Planning: **Maths (Year 2)**
Term: Autumn

Week	Domain	Mental / Oral Objectives	Y2 Objectives	Key Vocabulary	Resources
Autumn 1					
1	Number and place value 2d shape	Counting in and back in 1s, 2s, 5s and 10s	<ul style="list-style-type: none"> Count in 2's and 10's from any number forwards and backwards Recognise the place value of each digit in a two-digit number (tens, ones) Identify, represent and estimate numbers using different representations, including the number line. 	Tens, ones, number names	Numicon, Dienes shapes
2	Number and place value 2d shape		<ul style="list-style-type: none"> properties of 3d shapes Identify, represent and estimate numbers using different representations, including the number line. Compare and order numbers from 0 up to 100, use $<$, $>$ and $=$ signs Read and write numbers to at least 100 in numerals. 	Tens, ones, number names, before, after, more than, less than	Numicon Dienes Numberlines shapes
3	Addition Time		<ul style="list-style-type: none"> properties of 2d shapes Solve problems using addition and subtraction Add and subtract to 50 and beyond using a number line, concrete objects, pictorial 	Addition, plus, more than, bigger, equals	Numicon Dienes Numberlines clocks

			<p>representations, including those involving numbers.</p> <ul style="list-style-type: none"> • Applying their knowledge of mental and written methods. • Recall and use addition facts to 20. • Add a two—digit number and ones • Add a two digit number and tens <ul style="list-style-type: none"> • Read and find times on a clock showing 'o' clock and half past. • Compare and sequence intervals of time. 		
4	Addition Time		<ul style="list-style-type: none"> • Solve problems using addition and subtraction • Add and subtract to 50 and beyond using a number line, concrete objects, pictorial representations, including those involving numbers. • Applying their knowledge of mental and written methods. • Recall and use addition facts to 20. • Add a two—digit number and ones • Add a two digit number and tens <ul style="list-style-type: none"> • Read and find times on a clock showing 'o' clock and half past. • Compare and sequence intervals of time. 	Addition, plus, more than, bigger, equals	Numicon Dienes Numberlines clocks
5	Subtraction Length		<ul style="list-style-type: none"> • Solve problems using addition and subtraction • Add and subtract to 50 and beyond using a number line, concrete objects, pictorial representations, including those involving numbers. 	Subtract, less than, smaller	Numicon Dienes Numberlines rulers

			<ul style="list-style-type: none"> • Applying their knowledge of mental and written methods. • Recall and use addition facts to 20. • Add a two—digit number and ones • Add a two digit number and tens • Compare and order lengths, record the results using $<$, $>$ and $=$ 		
6	Subtraction Length		<ul style="list-style-type: none"> • Solve problems using subtraction • Subtract to 50 and beyond using a number line, concrete objects, pictorial representations, including those involving numbers. • Applying their knowledge of mental and written methods. • Recall and use addition facts to 20. • Add a two—digit number and ones • Add a two digit number and tens • Compare and order lengths, record the results using $<$, $>$ and $=$ 	Subtract, less than, smaller	Numicon Dienes Numberlines rulers
7	Money Data handling		<ul style="list-style-type: none"> • Use £ and p notation to record money. • Find different combinations of coins that equal the same amount of money to 50p. • Solve simple problems in a practical context involving addition and subtraction of money to £1, including giving change. • Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. 	Coin names, change	Numicon Dienes Numberlines

Autumn 2

1	Addition 2d shape	Counting in and back in 1s, 2s, 5s and 10s 2 times tables	<ul style="list-style-type: none"> Solve problems using addition Add to 50 and beyond using a number line, concrete objects, pictorial representations, including those involving numbers. Applying their knowledge of mental and written methods. Recall and use addition facts to 20. Add a two—digit number and ones Add a two digit number and tens 	Addition, plus, more than, bigger, equals	Numicon Dienes Numberlines
2	Subtraction 3d shape		<ul style="list-style-type: none"> Solve problems using subtraction Subtract to 50 and beyond using a number line, concrete objects, pictorial representations, including those involving numbers. Applying their knowledge of mental and written methods. Recall and use addition facts to 20. Add a two—digit number and ones Add a two digit number and tens <ul style="list-style-type: none"> Identify 2-d shapes on the surface of 3-d shapes e.g. the circle on a cylinder 	Subtract, less than, smaller	Numicon Dienes Numberlines
3	Multiplication Time		<ul style="list-style-type: none"> Recall and use multiplication facts for the 2 and 10 multiplication tables, including recognising odd and even numbers. Solve problems involving multiplication, using materials, arrays, repeated addition, mental methods. 	Lots of, multiply	Numicon Dienes Numberlines

			<ul style="list-style-type: none"> • Read and find times on a clock showing 'o' clock and half past. • Compare and sequence intervals of time. 		
4	Fractions Time		<ul style="list-style-type: none"> • Recognise, find and name $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of length, shape and number • Read and find times on a clock showing 'o' clock and half past. • Compare and sequence intervals of time. 	Part, whole, denominator	Numicon Dienes Numberlines objects
5	Fractions Weight		<ul style="list-style-type: none"> • Recognise, find and name $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of length, shape and number • Compare and order lengths, mass and capacity record the results using $<$, $>$ and $=$ • Choose and use appropriate standard units to estimate and measure length and height in cm/m, mass kg/g, temperature 'C and capacity litres/ml to the nearest appropriate unit, using rulers scales thermometers and measuring vessels.. 	Part, whole, denominator	Numicon Dienes Numberlines objects
6	Money Weight		<ul style="list-style-type: none"> • Use p notation to record money. • Find different combinations of coins that equal the same amount of money to 50p. • Solve simple problems in a practical context involving addition and subtraction of money to 50p. • Compare and order lengths, mass and capacity record the results using $<$, $>$ and $=$ • Choose and use appropriate standard units to estimate and measure length and height in cm/m, mass kg/g, temperature 'C and capacity litres/ml to the nearest appropriate 	Coin names, change	Numicon Dienes Numberlines

			unit, using rulers scales thermometers and measuring vessels..		
7	Number and place value Data handling		<ul style="list-style-type: none"> Count in 2's and 10's from any number forwards and backwards Recognise the place value of each digit in a two-digit number (tens, ones) Identify, represent and estimate numbers using different representations, including the number line. Compare and order numbers from 0 up to 100, use <, > and = signs Read and write numbers to at least 100 in numerals. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. 	Tens, ones, number names, before, after, more than, less than	Numicon Dienes Numberlines