



The Oaks Primary School
Bringing Learning to Life

Year 1 – Progression & Small Steps

Autumn 1 Counting Place Value (within 10)	NC Objectives	Small steps	Fluency	Resources
	<ul style="list-style-type: none"> • Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • Count on from any given numbers to 100 in numerals; count in multiples of twos, fives and tens • Identify and represent numbers using objects and pictorial including the number line. • Read and write numbers to 100 in numerals • Read and write numbers from 1 to 20 in numerals and words • Give a number, identify one more and one less • Compare numbers up to 100 using objects and pictorial representations 	<ul style="list-style-type: none"> ➔ Sort Objects to 10 ➔ Count objects to 10 ➔ Represent Objects to 10 ➔ Count one more and one less to 10 ➔ Compare sets of objects to 10 using equal, more/greater, less/fewer ➔ Introduce the equality and inequality $< > =$ symbols to compare sets of objects to 10 ➔ Compare numbers ➔ Introduce the equality and inequality $< > =$ symbols to compare expressions to 10 ➔ Order groups of objects 10 ➔ Order numbers to 10 ➔ Ordinal numbers (1st, 2nd, 3rd) ➔ Representing Numbers on a number line to 10 	<ul style="list-style-type: none"> -2D shape -Identifying numbers on a clock -Compare size -length, height -doubling 	<ul style="list-style-type: none"> Numicon Reknreks Tens frames Egg boxes Counters Multi-link Number lines 100 square Part-part wholes

<p style="text-align: center;">Autumn 2</p> <p style="text-align: center;">-Addition & Subtraction (within 10)</p> <p style="text-align: center;">-Place value (within 20)</p>	<p>NC Objectives</p>	<p>Small steps</p>	<p>Fluency</p>	<p>Resources</p>
	<ul style="list-style-type: none"> • Read, write and interpret mathematical statements involving addition, subtraction and equal sign • Represent and use number bonds and related subtraction facts within 20 • Add and subtract one digit and two digit numbers to 20 including 0 • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representation and missing number problems e.g. $7 = _ - 9$ • They discuss and solve problems in familiar practical contexts, including using quantities. Problems should include the terms: put together, add, altogether, total, take away, distance between, difference between, more /less than. 	<p><u>Addition & Subtraction</u></p> <ul style="list-style-type: none"> ➔ Introduce part –part whole – understanding parts and wholes then part part whole model ➔ The addition symbol ➔ Addition fact families ➔ Bonds within 10 ➔ Systematic number bonds within 10 ➔ Compare number bonds within 10 ➔ Add together using different representations (P-PW tens frames, pictures, numicon) ➔ Adding more (Counting on) within 10 ➔ Addition - Finding parts within 10 ➔ Subtraction How many left? within 10 ➔ Subtraction by partitioning using Part-part whole within 10 ➔ Subtraction - Counting back within 10 ➔ Subtraction – find the difference between within 10 ➔ Fact Families with addition and subtraction within 10 ➔ Compare addition and subtraction statements within 10 <p><u>Place Value to 20</u></p> <ul style="list-style-type: none"> ➔ Count and write numbers to 20 ➔ Numbers 11-20 ➔ Tens and ones to 20 ➔ One more one less to 20 ➔ Compare groups of objects within 20 ➔ Compare numbers to 20 ➔ Order groups of objects to 20 ➔ Order numbers to 20 	<ul style="list-style-type: none"> -Compare capacity -Compare mass -Repeated patterns -Time – night and day -3D shape -halving 	<ul style="list-style-type: none"> Numicon Reknreks Tens frames Egg boxes Counters Multi-link Number lines 100 square Part part wholes
<p style="text-align: center;">Spring 1</p> <p style="text-align: center;">Addition and</p>	<p>NC Objectives</p>	<p>Small steps</p>	<p>Fluency</p>	<p>Resources</p>
		<p><u>Addition and Subtraction within 20</u></p> <ul style="list-style-type: none"> ➔ Add by counting on within 20 	<ul style="list-style-type: none"> -Odd and even 	<ul style="list-style-type: none"> Numicon Reknreks

Spring 2 Geomet	All objectives from Autumn 1 and Autumn 2	<ul style="list-style-type: none"> ➔ Find and make number bonds within 20 ➔ Add by making 10 ➔ Subtract not crossing 10 within 20 ➔ Subtracting crossing 10 within 20 ➔ Related facts within 20 ➔ Compare number sentences within 20 <p><u>Place Value within 50</u></p> <ul style="list-style-type: none"> ➔ Counting numbers to 50 ➔ Tens and ones ➔ Represent numbers within 50 ➔ One more One Less within 50 ➔ Compare objects within 50 ➔ Order numbers within 50 ➔ Count in 2's ➔ Count in 5's 	-bonds to different numbers -partitioning - greater / less than	Tens frames Egg boxes Counters Multi-link Number lines 100 square Part part wholes 2 digti number fun cards
	NC Objectives	Small steps	Fluency	Resources
	<ul style="list-style-type: none"> • Recognise and name common 2-D shapes (for example, 	<p><u>Geometry - Shape</u></p> <ul style="list-style-type: none"> ➔ Recognise and name 3-D shapes ➔ Sort 3-D shapes 	-Fluency related to number and place value	3D / 2D shapes Toothpicks Ruler

	<p>rectangles (including squares), circles and triangles)</p> <ul style="list-style-type: none"> Recognise and name common 3-D shapes For example cuboids (including cubes), pyramids and spheres Compare, describe and solve practical problems for: <ul style="list-style-type: none"> Length and heights (long/short, longer/shorter tall/short, double/half) Mass/weight (heavy/light, heavier than, lighter than) Capacity and volume (full, empty, more than, less than, half, half full, quarter) Record the following: <ul style="list-style-type: none"> Lengths and heights Mass and weight Capacity and volume 	<ul style="list-style-type: none"> Recognise and name 2-D shapes Sort 2-D shapes Patterns with 2-D and 3-D shapes <p><u>Measurement – Length & Height</u></p> <ul style="list-style-type: none"> Compare lengths and heights Measure length using using non-standard units (e.g. cubes) Measure length using using standard units (cm) <p><u>Measurement – weight & Volume</u></p> <ul style="list-style-type: none"> Introduce the concept of Mass and weight Measure mass Compare Mass using non-standard measure using the < > = signs Introduce the concept of capacity and volume Measure capacity using non-standard measure (1 cup) Compare capacity using non-standard measure using the < > = signs 	-money	Weighing scales – pans Multi-link Measuring jugs Cups
Summer 1 Multiplication &	NC Objectives	Small steps	Fluency	Resources
	<ul style="list-style-type: none"> Solve one-step problems involving multiplication and division, by calculating the answer using concrete, pictorial representations and 		<p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> Count in 10's Make equal groups Add equal groups Make arrays 	-2D and 3D shape -comparing Measurement -Mass

	<p>arrays with the support of the teacher</p> <ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. Describe position, direction and movement, including whole, half, quarter and three quarter turns 	<ul style="list-style-type: none"> → Make doubles → Make equal groups – grouping → Make equal groups – sharing <p><u>Fractions</u></p> <ul style="list-style-type: none"> → Identify equal and unequal parts → Find a half using shapes and sets of objects → Find half of a small quantity → Find a quarter using shapes and sets of objects <p>Find quarter of a small quantity</p> <p><u>Position and direction</u></p> <ul style="list-style-type: none"> → Describe Turns using ‘full, half, quarter, three quarter’ → Describe positions and direction using left, right, forwards, backwards → Describe positions They will describe position using: ‘top’, ‘in between’, ‘bottom’, ‘above’ and ‘below’ 	<p>-representing numbers -Place value</p>	<p>Bee bots</p>
<p>Summer 2 Geometry: position &</p>	<p>NC Objectives</p>	<p>Small steps</p>	<p>Fluency</p>	<p>Resources</p>
	<ul style="list-style-type: none"> NC objectives from Autumn 1 and 2 Recognise and know the value of different denominations of coins and notes 	<p><u>Place Value (Within 100)</u></p> <ul style="list-style-type: none"> → Represent numbers (within 100) → Count forwards and backwards within 100 → Partitioning numbers(within 100) → Comparing numbers within 100 using more than, less than, equal to 	<p>-Addition and subtraction -sharing -measurement – length and Height</p>	<p>Coins notes Dienes Numicon Reknreks Tens frames</p>

	<ul style="list-style-type: none"> sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] recognise and use language relating to dates, including days of the week, weeks, months and years tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. 	<p>→ Comparing numbers within 100 using mathematical symbols < > =</p> <p><u>Measurement – Money</u></p> <p>→ Recognise coins</p> <p>→ Recognise notes</p> <p>→ Counting in coins using 2,5,10</p> <p><u>Measurement – Time</u></p> <p>→ Describe, sort and order events using before, after, first next, morning, afternoon, evening</p> <p>→ Learn dates including: 7 days in the week, months of the year, pick out special dates in the year including their birthday</p> <p>→ Talk about events using yesterday, today, tomorrow</p> <p>→ Introduced to O'clock – telling the time to one hour</p> <p>→ Introduced to half hour – telling the time to the half hour</p> <p>→ Writing the time- explore the difference between seconds, minutes and hours. Decide which activities would be measured in each unit of time.</p> <p>→ Compare amounts of time using vocabulary faster, longer, slower, earlier, later</p>		<p>Egg boxes</p> <p>Counters</p> <p>Multi-link</p> <p>Number lines</p> <p>100 square</p> <p>Part part wholes</p> <p>Clock</p>
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