



# Overview of Year 1 Maths Planning-Western Downland Primary School

Year 1	Number and place value	Addition and subtraction	Multiplication and division	Fractions	Measurement	Geometry	
						Properties of shape	Position and direction
Fluency Reasoning Problem solving		solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ .	solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.		compare, describe and solve practical problems for: length, mass or weight, capacity volume and time		
Phase 1 inc ELGs	<ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>given a number, identify one more and one less               <ul style="list-style-type: none"> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>add and subtract one-digit</li> </ul>		<ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> </ul>	compare, describe and solve practical problems for: <ul style="list-style-type: none"> <li>lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)</li> <li>time (quicker, slower, earlier, later)</li> </ul> measure and begin to record the following: <ul style="list-style-type: none"> <li>lengths and heights</li> <li>time (hours)</li> </ul> <ul style="list-style-type: none"> <li>recognise and know the value of different denominations of coins and notes</li> <li>sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening</li> <li>recognise and use language relating to dates, including days of the week, weeks, months and years</li> <li>tell the time to the hour</li> </ul>		
Phase 2	<ul style="list-style-type: none"> <li>count in multiples of twos, and tens</li> </ul>	<ul style="list-style-type: none"> <li>represent and use number bonds and related subtraction facts within 20</li> <li>add and subtract one-digit and two-digit numbers to 20, including zero</li> </ul>	<ul style="list-style-type: none"> <li>solve one-step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>	<ul style="list-style-type: none"> <li>recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</li> </ul>	Compare, describe and solve practical problems for: <ul style="list-style-type: none"> <li><b>mass / weight</b></li> <li>time (minutes)</li> <li>tell the time to the hour <b>and half past the hour and</b></li> <li><b>draw the hands on a clock face to show these times</b></li> </ul>	<ul style="list-style-type: none"> <li>recognise and name common 2-D and 3-D shapes, including:               <ul style="list-style-type: none"> <li>2-D shapes (e.g. rectangles (including squares), circles and triangles)</li> </ul> </li> </ul>	
Phase 3	<ul style="list-style-type: none"> <li><b>count, read and write numbers to 100 in numerals;</b> count in</li> <li>multiples of twos, <b>fives</b> and tens</li> </ul>		<ul style="list-style-type: none"> <li>solve one-step problems involving multiplication <b>and division</b>, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>		<ul style="list-style-type: none"> <li>capacity/volume (full/empty, more than, less than, quarter)</li> <li>measure and begin to record the following:               <ul style="list-style-type: none"> <li>lengths and heights</li> <li>mass/weight</li> <li><b>capacity and volume</b></li> <li>time (hours, minutes, <b>seconds</b>)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>3-D shapes (e.g. cuboids (including cubes), pyramids and spheres).</li> </ul>	<ul style="list-style-type: none"> <li>describe position, directions and movements, including half, quarter and three-quarter turns.</li> </ul>