



## St Alban's Catholic Primary School

*"St Alban's school exists to provide high quality education within a living Catholic Community which values each individual and enables every child to reach his or her full potential."*

### Maths Overview

Class: Year 3

Term: Spring 2017

Week:	Area of Learning	Learning Objectives:	Homework
2	Place value	<ul style="list-style-type: none"><li>• recognise the place value of each digit in a three-digit number</li><li>• compare and order numbers up to 1000</li><li>• read and write numbers up to 1000 in numerals and in words</li><li>• solve number problems and practical problems involving these ideas</li><li>• solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li></ul>	Making and ordering numbers p.11
3	Partition addition	<ul style="list-style-type: none"><li>• add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li><li>• estimate the answer to a calculation and use inverse operations to check answers</li><li>• solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li></ul>	Addition by partitioning p.21
4	Column addition and subtraction	-add and subtract two and three digit numbers using formal written methods	
5	Assessment		
6	Doubling and halving	<ul style="list-style-type: none"><li>• add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li><li>• solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li></ul>	Using mathematical vocabulary p.19.
7	Space and 3D Shape	<ul style="list-style-type: none"><li>• draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li></ul>	3D shapes p.57

8	<b>Weight</b>	measure, compare, add and subtract: mass (kg/g)	Measuring mass p.46
9	<b>Organising data</b>	<ul style="list-style-type: none"> <li>• interpret and present data using bar charts, pictograms and tables</li> <li>• solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables</li> </ul>	Drawing bar charts p.62
10	<b>Linking multiplication and division</b>	<ul style="list-style-type: none"> <li>• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>• write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>• solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</li> </ul>	Division by grouping p.28
11	<b>Using division and multiplication</b>	<ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>• write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>• solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</li> </ul>	Division facts p.30
12	<b>Time</b>	<ul style="list-style-type: none"> <li>• tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>• estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</li> <li>• compare durations of events</li> </ul>	Time problems p.55