



Year 5 Maths Medium Term Plan – Autumn 1/2		
Weeks	Number, place value, approximation and estimation	Inspire Coverage
1 - 4	read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	PB4A Unit 1: Numbers to 100 000 pp 8–21 PB5A Unit 1: Numbers to 10 million pp2 - 19 plus own ideas and White Rose Hub and Sunderland activities
	To be able to determine the value of each digit in numbers up to 1,000,000	PB4A Unit 1: Numbers to 100 000 pp 8–21 plus own ideas and White Rose Hub and Sunderland activities
	count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	PB4A Unit 1: Numbers to 100 000 pp 8, 10, 17, 18 plus own ideas and White Rose Hub and Sunderland activities
	interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	NC Activity 5.2 plus own ideas and White Rose Hub and Sunderland activities
	round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	PB4A Unit 2: Whole Numbers (2) pp 22–35 PB5A Unit 1: Whole Numbers pp20 - 26 plus own ideas and White Rose Hub and Sunderland activities
	read Roman numerals to 1000 (M) and recognise years written in Roman numerals	NC Activity 5.4 plus own ideas and White Rose Hub and Sunderland activities
	solve number problems and practical problems that involve all of the above	PB4A Unit 1: Numbers to 100 000 pp 11–14, 17–21 PB4A Unit 2: Whole Numbers (2) pp 22–23, 26–28, 30–35 plus own ideas and White Rose Hub and Sunderland activities
<b>Addition and subtraction</b>		
	Assessment week	Use a combination of Testbase, Inspire assessments plus activities from White Rose Hub.
5 - 9	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)	NC Activity 5.5 plus own ideas and White Rose Hub and Sunderland activities
	Add and subtract numbers mentally with increasingly large numbers	NC Activity 5.6 plus own ideas and White Rose Hub and Sunderland activities
	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	PB4A Unit 2: Whole Numbers (2) pp 32, 35



	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	NC Activity 5.6 plus own ideas and White Rose Hub and Sunderland activities.
	<b>Multiplication and division</b>	
<b>10 - 14</b>	identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers	PB4A Unit 2: Whole Numbers (2) pp 36–44 Own work and application work from white rose hub.
	Multiply by 10, 100, 1000 and multiples of. ( decimals to be taught when teaching decimals )	Own work and application work from white rose hub and Sunderland. PB5A Unit 2: Whole Numbers pp33-41
	multiply and divide numbers mentally drawing upon known facts	Own work and application from white rose hub
	multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers	PB4A Unit 3: Whole Numbers (3) pp 45–56, 63–70 Own work and application from white rose hub
	to be able to identify square and cubed numbers	NC Activity 5.12 plus own investigation and work
	to solve problems using multiplication and division	Multiplication and Division pp 111–123 PB4A Unit 3: Whole Numbers (3) pp 63–70 Own work and ideas from white rose hub
	solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	Own work and ideas from Sunderland hub and white rose hub to match objectives.
	Assessment week	White Rose Hub assessments
<b>15 - 16</b>	<b>Statistics</b>	Own coverage and White Rose Hub coverage
	Solve comparison, sum and difference problems using information presented in a line graph.	Own coverage and White Rose Hub coverage
	Complete, read and interpret information in tables including timetables.	Own coverage and White Rose Hub coverage