

Pegasus Primary School Effective Maths Overview 2018-19 Year 3

	03.09.18	10.09.18	17.09.18	24.09.18	01.10.18	08.10.18	15.10.18	22.10.18	
Autumn 1	Place Value - read and write numbers up to 400 in numerals and in words - count from 0 in multiples of 4 - identify, represent and estimate numbers using different representations - find 10 or 100 more or less than a given number			Addition and subtraction add and subtract numbers mentally, including a three-digit number and 1s - add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction		Multiplication and division - recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables - solve problems, including missing number problems, involving multiplication - write and calculate mathematical statements for multiplication and division using the multiplication tables that they know		Time - tell and write the time from an analogue clock, including Roman numerals and 12-hour and 24-hour clocks - 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, am/pm, morning, afternoon, noon and midnight - know the number of seconds in a minute and the number of days in each month, year and leap year	

	05.11.18	12.11.18	19.11.18	26.11.18	03.12.18	10.12.18	17.12.18	
Autumn 2	Fractions - recognise, find and write fractions of a discrete set of objects:		Multiplication and division - 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		Review - Revisit topics/objectives based on analysis from end of unit assessments	- recognise angles as a property of shape or a description of a turn - identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn; - identify whether angles are greater than or less than a right angle - identify horizontal and vertical lines and pairs of perpendicular and parallel lines - draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them		

	07.01.19	14.01.19	21.01.19	28.01.19	04.02.19
Spring 1	Money - add and subtract amounts of money to give change, using both £ and p in practical contexts		Place value - count from 0 in multiples of 50 and 100 - compare and order numbers up to 700 - read and write numbers up to 700 in numerals and in words - identify, represent and estimate numbers using different representations - solve number problems and practical problems involving place value		Addition and Subtraction - estimate the answer to a calculation and use inverse operations to check answers - add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction - add and subtract numbers mentally, including a number and 10s

	25.02.19	04.03.19	11.03.18	18.03.19	25.03.19	01.04.19	08.04.19
Spring 2	Multiplication and division - recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables - 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		Fractions - recognise and use fractions as numbers - count up and down in tenths; - recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 - compare and order unit fractions, and fractions with the same denominators - add and subtract fractions with the same denominator within one whole		Statistics - interpret and present data using bar charts, pictograms and tables solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables.		Review week

	29.04.19	06.05.19	13.05.19	20.05.19
Summer	Place value - compare and order numbers up to 1,000 recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)		Calculation - add and subtract numbers mentally add and subtract numbers with up to 3 digits - recall and use multiplication and division facts for the 3 x multiplication tables	
				Money and decimals - add and subtract amounts of money to give change, using both £ and p in practical contexts

	03.06.19	10.06.19	17.06.19	24.06.19	01.07.19	08.07.19	15.07.19
Summer 2	Length: Perimeter and Height - measure the perimeter of simple 2-D shapes - measure, compare, add and subtract: lengths (m/cm/mm);	Number Patterns - solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	Review - Revisit topics/objectives based on analysis from end of unit assessments	Problem Solving - solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction - solve problems that involve fractions solve problems, including missing number problems, involving multiplication and division	Volume and mass - measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Revision	