


YEAR 4 MATHS AT ORCHARD - OVERVIEW

Milton Keynes Year 4 Overview 2021-2022																															
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st
Sept	Sum mer	CPD Day	CPD Day		Number 1 (Place Value)					Number 1 (Place Value)					Calculation 1 (Addition/Subtraction)					Calc 1 (Add & Sub)											
Oct	Calc 1			Calculation 1 (Addition/Subtraction)					Measure 1 (money)					Time 1					Half Term												
Nov	Time 1					Calculations 2 (Multiplication & Division)					Assessment Week					Calculation 2 (Multiplication & Division)					Calc 2										
Dec	Calculation 2 (Multiplication & Division)			Calculation 2 (Multiplication & Division)					Calculation 2 (Multiplication & Division)					Christmas					Christmas												
Jan		Bank Hol	CPD Day	Fract/ Dec/ Percentages 1			Fractions/Decimals/ Percentages 1					Fractions/Decimals/ Percentages 1					Fractions/Decimals/ Percentages 1					Stats 1									
Feb	Statistics 1			Statistics 1					Fractions/Decimals/ Percentages 2					Half Term					Stats 2												
Mar	Fractions/Decimals/ Percentages 2			Assessment Week					Fractions/Decimals/ Percentages 2					Fractions/Decimals/ Percentages 2					Measure 2 (Money)												
Apr	Meas 2		Geometry 1 (Angles)					Easter					Easter					CPD Day	Geometry 1 (Angles)												
May	Geometry 2 (Shape & Symmetry)			Geometry 2 (Shape & Symmetry)					Position 1					Measure 3 (Area & Perimeter)					Half Term												
June	Half Term			Measure 3 (Area & Perimeter)					Measure 3 (Area & Perimeter)					Time 2					Assessment Week												
July	Assess		Statistics 2					Consolidation					Consolidation					Summer													

Key Curriculum Objectives and Assessment Criteria

 Year 4 mathematics	<p>Number and Place Value</p> <ul style="list-style-type: none"> I can recognise the place value of each digit in a 4-digit number I can compare and order numbers beyond 1000; using < > = signs I can count in multiples of 6, 7, 9, 25 and 1000 I can round to the nearest 10, 100 or 1000 and decimals with 1 decimal place to the nearest integer I can count backwards through zero to include negative numbers 	<p>Calculations</p> <ul style="list-style-type: none"> I can add numbers up to 4-digits (selecting the most efficient method) I can subtract numbers up to 4-digits (selecting the most efficient method) I can solve addition and subtractions 2-step problems I can recall multiplication and division facts up to 12 x 12 I can use place value, known and derived facts to multiply and divide mentally I can multiply 2 and 3-digit numbers by a 1-digit number using a range of methods 	<p>Fractions and Decimals</p> <ul style="list-style-type: none"> I can count up and down in hundredths I can recognise and show using diagrams, families of common equivalent fractions I can add and subtract fractions with the same denominator I can recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{10}$, $\frac{1}{100}$'s I can compare numbers and order numbers up to two decimal places I can find the effect of dividing a 1-digit or 2-digit number by 10 and 100 I can solve measure and money problems involving fractions and decimals to 2 decimal places
	<p>Time</p> <ul style="list-style-type: none"> I can read, write and convert time between analogue and digital 12-hour and 24-hour clocks I can solve problems and convert between hours to minutes; minutes to seconds; years to months and weeks to days 	<p>Measures</p> <ul style="list-style-type: none"> I can convert between different units of measurement I can measure and calculate the perimeter of a rectilinear figure in cm and m I can find the area of rectilinear shapes by counting squares I can compare different measures, including money in £ and p 	<p>Geometry</p> <ul style="list-style-type: none"> I can compare and classify shapes, including quadrilaterals and triangles based on their properties I can identify lines of symmetry in 2D shapes presented in different orientations I can identify acute and obtuse angles, compare and order angles up to two right angles by size
	<p>Statistics</p> <ul style="list-style-type: none"> I can solve comparison, sum and difference problems using information presented in bar charts, pictograms etc. 		
	<p>Position</p> <ul style="list-style-type: none"> I can plot specified points and draw sides to complete a given polygon 		