

Class 3 Maths Overview – Summer 2 2018

Summer Term 2			
Wk	Yr	Strands	Weekly Summary
28	5	Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Fractions, ratio and proportion (FRP)	Use equivalence to compare and order fractions; add and subtract fractions and mixed numbers with related denominators; revise column subtraction of 5-digit numbers; choose counting up (Frog), counting back or column subtraction
	6	Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Fractions, ratio and proportion (FRP)	Convert improper fractions to mixed numbers; add and subtract fractions and mixed numbers with related denominators; use column subtraction to subtract pairs of 5- and 6-digit numbers; choose counting up (Frog), counting back or column subtraction
29	5	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA)	Find common multiples and common factors; solve problems requiring scaling by simple fractions; recognise and use square numbers and cube numbers; use short division to divide 4-digit numbers by 1-digit numbers, including those that leave a remainder; express remainders as fractions
	6	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA)	Find common multiples and common factors; solve problems requiring scaling by simple fractions; investigate a general statement; describe and extend sequences; find and use ratios; use a calculator and interpret the display
30	5	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD)	Use short multiplication to multiply 4-digit numbers by 1-digit numbers; use grid method to multiply 2- and 3-digit numbers by 2-digit numbers; use long multiplication to multiply pairs of 2-digit numbers (one number less than 20) and to multiply 3-digit numbers by 2-digit numbers (where the 2-digit number is less than 20)
	6	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA)	Use short multiplication to multiply 4-digit numbers by 1-digit numbers; use grid method to multiply 2-digit numbers by 2-digit numbers; use long division to divide 3-digit numbers by 2-digit numbers; use short multiplication to multiply 4-digit numbers by 1-digit numbers; make and test general statements; use long division to divide 3-digit numbers by 2-digit numbers
31	5	Mental addition and subtraction (MAS); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Statistics (STA)	Read timetables using the 24-hour clock; calculate time intervals and find a time a given number of minutes or hours and minutes later; draw and interpret line graphs and read intermediate points; introduce rate and solve problems involving rate
	6	Mental addition and subtraction (MAS); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Statistics (STA)	Read timetables using the 24-hour clock; calculate time intervals and find a time a given number of minutes or hours and minutes later; begin to learn how to draw scatter graphs; draw and interpret line graphs and read intermediate points; introduce rate and solve problems involving rate
32	5	Mental addition and subtraction (MAS); Decimals, percentages	Revise place value in numbers with three decimal places; convert between kilograms and

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		and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA); Measurement (MEA)	grams, litres and millilitres, metres and kilometres; compare and order numbers with three decimal places and place on a line. Revise using counting up (Frog) to subtract pairs of numbers with two decimal places and numbers with different numbers of decimal places (1 or 2); solve subtraction word problems; use counting up to find change and differences between prices; check subtraction with addition
	6	Mental addition and subtraction (MAS); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA); Measurement (MEA)	Compare measures with different numbers of decimal places; investigate recurring decimals and rounding errors on a calculator; revise using counting up (Frog) to subtract pairs of numbers with two decimal places and numbers with different numbers of decimal places (1 or 2); solve subtraction word problems; use counting up to find change and differences between prices; check subtraction with addition
33	5	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Fractions, ratio and proportion (FRP); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA)	Use long multiplication to multiply pairs of 2-digit numbers together where one is < 30; use long multiplication to multiply a 3-digit number by a 2-digit number less than 30; use rounding to estimate answers; revise multiplying fractions by whole numbers and simplifying answers; multiply mixed numbers by whole numbers
	6	Mental multiplication and division (MMD); Written multiplication and division (WMD); Fractions, ratio and proportion (FRP); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA)	Describe and predict patterns; make and test predictions; read recurring displays on a calculator; convert fractions to decimals using a calculator
34	5	Number and place value (NPV); Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving reasoning and algebra (PRA); Measurement (MEA)	Revise column addition of whole numbers, decimals and money; revise column subtraction of whole numbers and counting up (Frog) to subtract decimals including money and choose a method; revise short division of 4-digit numbers, expressing remainders as fractions; solve single and multi-step problems working out which calculation(s) are necessary; understand and use equivalence
	6	Number and place value (NPV); Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving reasoning and algebra (PRA); Measurement (MEA)	Revise column addition of whole numbers, decimals and money; revise column subtraction of whole numbers and counting up (Frog) to subtract decimals including money and choose a method; interpret a rounding error, (e.g. 6.9999999 as 7) and read recurring displays (e.g. know that 0.3333333 represents a third); solve single and multi-step problems working out which calculation(s) are necessary; use the memory button on a calculator