

Wk	Weekly Summary	Strands	Objectives
26	Add two 2-digit numbers or a 2-digit number to a 3- or 4-digit number mentally; subtract 2-, 3- and 4-digit numbers using counting up; derive factors of 2-digit numbers and use factors and doubling to solve multiplication mentally; solve integer scaling problems using mental strategies and spot a relationship between products; solve correspondence problems, using a systematic approach and calculate using mental multiplication strategies	Mental addition and subtraction (MAS)	MAS.45 Add mentally 2-digit to 3-digit numbers by partitioning or counting on MAS.56 Use mental strategies to add 2-digit, 3-digit and 4-digit numbers MAS.43 Add to the next multiple of 100 by counting up from any 2-digit or 3-digit number MAS.49 Count up to subtract any 3-digit from 3-digit number MAS.50 Subtract 4-digit from 4-digit multiples of 1000 by counting up
		Mental multiplication and division (MMD)	MMD.41 Use doubling and halving to multiply and divide by 4 and 8 and solve correspondence problems MMD.61 Identify factors and multiples, and begin to find common factors
		Written multiplication and division (WMD)	WMD.53 Solve integer scaling problems and harder correspondence problems, such as n objects are connected to m objects
		Problem solving, reasoning and algebra (PRA)	PRA.59 Solve addition and subtraction two-step problems in contexts
27	Solve written addition of two 4-digit numbers; add amounts of money (pounds and pence) using column addition; solve 4-digit minus 4-digit and 4-digit minus 3-digit subtractions using written column method (decomposition) and check subtraction with addition; solve word problems choosing an appropriate method	Written addition and subtraction (WAS)	WAS.52 Use column addition to add two 4-digit numbers with a total ≤ 10000 WAS.62 Use column addition to add pairs of 2-place decimals, including amounts of money WAS.55 Use expanded or compact decomposition to subtract numbers with up to 4-digits (easier) WAS.58 Use expanded or compact decomposition to subtract numbers with up to 4-digits (harder) WAS.56 Use column addition to add several numbers with up to 4-digits with answers > 10000 WAS.60 Use compact decomposition to subtract 2-, 3- or 4-digit from 4-digit numbers
		Problem solving, reasoning and algebra (PRA)	PRA.53 Use, explain and justify mathematical reasoning PRA.59 Solve addition and subtraction two-step problems in contexts PRA.58 Solve simple measure and money problems involving fractions and decimals up to 2 decimal places
		Mental addition and subtraction (MAS)	MAS.60 Use counting up to subtract 4-digit numbers from near multiples of 1000 MAS.61 Use counting up as an efficient mental strategy with minimal jottings MAS.58 Understand addition and subtraction as inverses of each other and use this to find relationships

			MAS.51 Count up to find change from £10, £50 and £100
28	Use coordinates to draw polygons; find the coordinates of shapes after translation; draw and interpret bar charts and pictograms; draw line graphs and understand that intermediate points have meaning	Geometry: position and direction (GPD)	GPD.55 Describe positions on a 2-dimensional grid as co-ordinates (1st quadrant) GPD.57 Plot points and draw sides to complete a polygon on a co-ordinate grid (1st quadrant) GPD.60 Describe movements between positions as translations of a given unit to left/right or up/down GPD.66 Identify and describe the position of a shape on a co-ordinate grid following a translation
		Statistics (STA)	STA.54 Interpret and compare information on a pictogram and represent it on a bar chart STA.55 Draw and interpret bar charts where 1 division represents 5 or 10 units STA.58 Solve comparison and difference problems using information presented in bar charts STA.59 Use a line graph to represent the effect of multiplying any number by 6 (e.g. $7 \cdot 5 \times 6$) STA.61 Interpret and present continuous data using line graphs
29	Use the vertical algorithm (ladder) to multiply 3-digit numbers by 1-digit numbers; find non-unit fraction of amounts, using 'chunking'; add fractions with like denominators, including totals greater than 1; divide by 10 and 100 (to give answers with 1 and 2 decimal places)	Written multiplication and division (WMD)	WMD.49 Multiply 2- and 3-digit by 1-digit numbers using the ladder method WMD.51 Divide 2- and 3-digit by 1-digit numbers using a written method drawn from mental strategies with integer remainders and answers between 10 and 20
		Problem solving, reasoning and algebra (PRA)	PRA.60 Solve number and practical problems with increasingly large positive numbers PRA.63 Sustain a line of enquiry, make and test a hypothesis PRA.62 Solve problems involving harder fractions to calculate and divide quantities
		Mental multiplication and division (MMD)	MMD.57 Use mental strategies to solve divisions including dividing by 1
		Fractions, ratio and proportion (FRP)	FRP.50 Find any fraction of an amount and relate to division and multiplication FRP.44 Add and subtract fractions with the same denominator FRP.64 Convert mixed numbers to improper fractions and vice versa
		Decimals, percentages and their equivalence to fractions (DPE)	DPE.61 Use place value to multiply and divide numbers by 10 and 100, involving 2-place decimals DPE.65 Multiply and divide numbers by 10 and 100 to give 1- or 2-place decimal answers
30	Multiply 2-digit numbers by 11 and 12; look for patterns and write rules; multiply 2-digit numbers by numbers between 10 and 20 using the grid method; begin to use the grid method to multiply	Mental multiplication and division (MMD)	MMD.55 Use mental strategies to solve multiplications including multiplying by 0 and 1, dividing by 1, multiplying together three numbers MMD.58 Understand multiplication and division as inverses of each other and use this to find relationships MMD.44 Divide mentally numbers just beyond the tables by subtracting the multiple of 10 (no remainders)
		Problem solving, reasoning and algebra (PRA)	PRA.52 Describe, predict and explain patterns PRA.58 Solve simple measure and money problems involving fractions and decimals up to 2 decimal places PRA.62 Solve problems involving harder fractions to calculate and divide quantities

pairs of 2-digit numbers; use mental strategies and tables facts to divide 2-digit and 3-digit numbers by 1-digit numbers to give answers between 20 and 50, with and without remainders; find non-unit fractions of amounts	Written multiplication and division (WMD)	<p>WMD.56 Use the grid method to multiply 2-digit by 2-digit numbers and solve problems in which n objects are connected to m objects (distributive law)</p> <p>WMD.52 Divide 3-digit by 1-digit numbers using a written method drawn from mental strategies with integer remainders and answers < 50</p> <p>WMD.51 Divide 2- and 3-digit by 1-digit numbers using a written method drawn from mental strategies with integer remainders and answers between 10 and 20</p>
	Fractions, ratio and proportion (FRP)	<p>FRP.50 Find any fraction of an amount and relate to division and multiplication</p> <p>FRP.57 Use division and multiplication to find non-unit fractions of larger amounts (whole-number answers)</p>