

Place Value	Count in multiples of 6, 7, 9, 25 and 1000.	Play hopscotch	Make bingo card & ask Qs. E.g. 25 more than 75	'Chant' times tables during car journeys
	Find 1000 more or less than a given number. Round any number to the nearest 10, 100 or 1000.	Rounding games	Reasoned rounding	Round prices to nearest £10 when shopping (real or role-play)
	Count backwards through zero to include negative numbers.	Tug of war	Incey Wincey Spider	Sequences
	Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens, and ones & up to 2 decimal places).	Place value chart	Place value games	Write no. & ask child to e.g. +10, -100
	Read Roman numerals to 100 (I to C); know the numeral system changed to include zero and place value.	Crocodile Roman numerals	Roman numerals	Roman Numerals
Add and Sub	Add and subtract up to 4 digits, using column methods where appropriate.		Use dice to create random calculations	Addition & Subtraction games
	Add and subtract numbers mentally, including: a 4-digit no and 1s, 10s, 100s.	Inverse game	Give completed calcs for chn to check with inverse op.	
	Solve addition & subtraction 2 step problems in contexts, deciding which operations and methods to use and why.	Katie's word problems	Q sheets	
Mult and Divide	Recall multiplication and division facts for multiplication tables up to 12 × 12.	Regular questioning & 'chanting' (eg, in car)	Hit the button	Multiplication & division games
	Recognise and use factor pairs and commutativity in mental calculations.		Encourage swapping of nos.when stuck with times tables	
	Multiply & divide 2 and 3-digit numbers by a 1-digit number using formal written layout.		Use dice to create random calculations	
	Solve integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	Katie's word problems	Split 2-digit numbers into smaller 'chunks' to make mult. easier	
Fractions	Compare and order unit fractions, and fractions with the same denominators.		Print ' Fraction wall ' & shade equiv.fractions	Fractions & decimals games
	Count up/down in 100ths; recognise that 100ths arise when dividing by 100 and 10ths by 10.	Count/discuss 1p coins as hundredths of £1 & tenths of 10p	On squared paper, draw a 10x10 square to show hundredths	
	Add and subtract fractions with the same denominator.	Pacman fractions	Cut fruit into pieces. + & - fractional amounts	
	Write decimal equivalents of any number of 10ths or 100ths; and the decimal equivalents to 1/4, 1/2 and 3/4.	Compare decimals	Snappy maths	
	Divide a 1 or 2 digit no by 10 and 100, identify the value of the digits as units, 10ths and 100ths.	Write digits on post-its and move between place-value columns to show effect of dividing		
	Solve measure & money problems with fractions and decimals.	Round the dice	When shopping round prices, add items & calc. change	
MEASURE	Convert units of length, weight/mass & capacity.	Work out time-spans (eg, until birthday, length of weekend) in days, hours, seconds	In Google Maps find distances between converting km & m (set to metric)	Measures games
	Calculate area and perimeter of rectangles in cm/m.	Use a ruler to find the perimeter of rectangular objects around the home	Nrich area & perimeter problem	
	Estimate, compare and calculate different measures, including money in pounds and pence.	Nrich money problems	Plan real or fictional party/event with given budget	
	Read, write and convert time between analogue and digital 12 and 24-hour clocks. Solve problems converting hrs/mins; mins/secs; years/months etc.	BBC time	Wear watch, tell analogue and digital time.	
GEOMETRY	Classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	Venn diagram sorting	Nrich rectangles	Shapes, angles & co-ordinate games
	Identify acute and obtuse angles and compare and order angles up to two right angles by size.		ID angles in irregular shapes	
	Identify lines of symmetry in 2D shapes in different orientations.	Investigate symmetry in 2-D shapes	Draw own shapes and find symmetry	
	Complete a simple symmetric figure with respect to a specific line of symmetry.	Draw symmetrical pattern on squared paper. Harder with 2 lines of symmetry or diagonal		
	Describe coordinates in the 1st quadrant. Describe translations of a given unit to the left/right, up/down.	Nrich problem	Play battle-ships by drawing or printing 10x10 grids	
	Plot specified points and draw sides to complete a given polygon.	Draw a coordinate grid on sq paper and plot shapes, listing coordinates (as in Billy Bug)		
STATS	Interpret and present discrete and continuous data using graphical methods, inc bar charts & time graphs.	Take your dog for a walk	Create time graph, similar to that to left	Data handling games
	Solve comparison, sum and difference problems using info in bar charts, pictograms, tables etc.	Bar chart questions	Image search 'bar chart' etc and ask Qs	

*Stages relate to year group expectations, however, it will be appropriate for some children to be working at stages higher or lower than their year group.

Please note, some online activities will require a browser supporting Flash content.