Place Value	Recognise the place value of each digit up to 1,000,000 & to 2 decimal places.	Place value millionaire	Order prices from a catalogue or website	Find and order data of interest online, eg population sizes
	Count on or back in powers of 10. Round to the nearest 10, 100, 1000, 10000, 100000.	Estimating work-sheets		Rounding dartboard
	Count on or back through zero using positive and negative numbers.		Nrich maths problem	Snowflake sequences
	Read Roman Numeral up to 1000 (M) and use this to read years.			Roman numerals
Operations	Add & subtract numbers with more than 4 digits using formal column methods.		Use dice to create random calculations to solve	Addition & Subtraction problems
	Add and subtract numbers mentally with increasingly large numbers. Use rounding to check answers to calculations and levels of accuracy.	Addition & subtraction		
	Choose which operations I need to use in multistep questions.	Addition & subtraction worksheets		
	Identify factors including factor pairs and common factors of 2 numbers.		Nrich maths problem	Multiples
	Identify prime factors and recall prime numbers up to 19.		Nrich maths problem	Prime & composite numbers
	Multiply & divide 4 digit numbers by 1 or 2 digit numbers using formal written methods.		What's wrong?	Bingo multiplication
	Multiply and divide by 10, 100, 1000, including answers with decimals.	Bingo times or divide	Tutorial	Multiply & divide
	Recognise and use squared and cubed numbers.		Nrich maths problem	Square & cube numbers
Fractions	Order fractions whose denominators are the same or multiples.		Fraction & decimal games	
	Name, show and write equivalent fractions.			Use 'Fraction wall' to find & write chains of equivalent fractions
	Convert between mixed numbers and improper fractions.			Fractions to mixed numbers
	Multiply proper fractions and mixed number fractions by whole numbers.			Make concept concrete using cut fruit & write calcs.
	Round 2 decimal places to the nearest whole number or 1 dp.			Round prices when shopping or in catalogue
	Read, write, compare and solve problems involving up to 3 decimal places.			Give chn selection of decimals to order (diff. no of dec. place)
	Solve problems which need the % and decimal equivalents for 1/2 1/4 1/3 2/3 4/5.			FDP dominoes to print
MEASURE	Calculate and convert units of measure for length, weight & capacity. Understand and use approximate equivalents between metric and imperial.	Cooking etc.	In Google Maps find distances between streets, converting km & m (set to metric in route options)	Measurement games
	Work out the area and perimeter of a rectangle, inc. square.	Find the area and perimeter of objects around the home, using a ruler	Nrich area & perimeter problem	
	Estimate area (inc. irregular shapes) and volume.	Order a range of containers by estimated capacity	Estimate capacity of containers, then check using measuring jug	
	Use all four operations to solve problems which involve time.	Draw a bedroom or garden plan to scale, using tape-measure & ruler	Nrich measurement problems	
GEOMETRY	Identify 3d shapes from 2d representations.	Nrich shape problem		Shape games
	Draw angles, measuring them in degrees.	Tutorial	Angles games	
	Identify angles which are multiples of 90 degrees.			
	Use knowledge of the properties of rectangles to find missing lengths and angles.	Nrich rectangles	Find the perimeter of rectangles measuring 2 sides only	
	Identify and describe the position of a shape and draw a shape on a grid, inc. after a translation or reflection.	Draw the reflections & translations of shapes on squared paper across horizontal, vertical & diagonal mirror-lines. BBC game		
STATS	Solve problems using information from a line graph.	Interpreting a line graph	Line graph questions	Graph problems
	Read, complete and interpret information in tables, including timetables.	Plan a real of pretend journey using bus or train timetables		

*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.