Area	Objective			
Place Value	Count from 0 in multiples of 4, 8, 50 and 100.	Make bingo game	Chinese-dragon-ordering	Place value games
	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).	Place value charts	Partition (split) 3-digit nos. into hundreds, tens & ones	
	Compare and order numbers up to 1000. Read and write numbers up to 1000 in numerals and in words.	Caterpillar slider	Fish	
	Identify, represent and estimate numbers using different representations.		Nrich estimating activities	
	Solve number problems and practical problems involving these ideas.	Number patterns		
Add and Sub	Add and subtract numbers mentally, including: a 3-digit no and 1s, 10s, 100s.	Loop cards	Addition Speed challenge	Add & Sub. games
	Add and sub numbers with up to 3 digits, using formal written methods of column addition or subtraction.		Use dice to generate random calcs.	
	Estimate the answer to a calculation and use inverse operations to check answers.	Estimate calcs before solving by rounding to nearest 10 or 100.	Give completed calcs for chn to check with inverse op.	
	Solve problems, inc. missing number probs, using number facts, place value, and more complex addition & subtraction.			
Mult. and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.	Loop cards	Hit the button	Multiplication & division games
	Calculate multiplication statements using known multiplication facts inc 2-digit x 1-digit (mental & written methods).		Solve 2-digit x 1-digit mult. by partitioning (splitting) 2-digit number	
	Solve missing number problems involving x and ÷, including integer scaling & correspondence problems.	Ask "what number times 3 equals 12?" etc.	Number balance	
Fractions	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.	Count/discuss 10p coins as tenths of £1	Use 10 Lego bricks to make 1 whole 'rod'. Each brick = 1 tenth	Fraction games
	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.	Fraction beach	Discuss simple fractions, ½ ¼ $^1/_{10}$, of sets of objects	
	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.	Snappy maths	Use fractions when preparing food	
	Recognise and show, using diagrams, equivalent fractions with small denominators.	Fractions	Fold A4 paper in half 3 times. Unfold and shade to show ¼ = $^2/_8$	
	Add and sub fractions with the same denominator within one whole (e.g. $^5/_7 + ^1/_7 = ^6/_7$).	Snappy maths	Cut fruit into pieces. + & - fractional amounts	
	Compare and order unit fractions, and fractions with the same denominators.		Print 'Fraction wall' & compare by shading	
MEASURES	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).	Cooking & measuring real-life activities		Measures games
	Measure the perimeter of simple 2-D shapes.		Use ruler to measure the perimeter of small object surfaces	
	Add and subtract amounts of money to give change, using both £ and p in practical contexts.		Finding totals/change when shopping	
	Tell/write the time from an analogue clock, inc Roman numerals from I to XII, and 12-hr/24-hr clocks.	Wear watch, tell analogue and digital time.	Matching pairs - time	
	Estimate and read time with increasing accuracy to nearest min; record/compare time in secs, mins, hrs. Use vocab such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.	Use bus/train timetables	Plan a weekend, discussing timings	
	Know the no of seconds in a minute and the number of days in each month, year and leap year.	Regular reinforcing questioning	Knuckles & months video	
GEOMETRY	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.	Construct 3D shapes using 'toys' eg Knex	Info sheets	Shape games
	Recognise that angles are a property of shape or a description of a turn.	Make an 'angle eater' by joining two pieces of card at their ends with a split-pin. Use angle created to compare angles in corners of shapes		
	Identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn. Identify whether angles are greater than or less than a right angle.	Blind-fold games, involving turning instructions given orally	Use 'angle eater' above to compare with right angles	
	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	Find horizontal, vertical, perpendicular and parallel lines around the home and in shapes		
STATS	Interpret and present data using bar charts, pictograms and tables.	Bar charts	Present data re an area of interest	Data handling games
	Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables.	Bar chart questions	Image search 'bar chart' or 'pictogram' 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.