Autumn Term 1 Team Cowell

Week	Day	Unit	Objective(s)
1	1	Place Value	No maths. First day back at school
	2		Represent numbers to 100 (Y3); 1,000 (Y4)
	3		Partition numbers to 100 (Y3); 1,000 (Y4)
	4		Number line to 100 (Y3); 1,000 (Y4)
2	1		Hundreds (Y3); Thousands (Y4)
	2		Represent numbers to 1,000 (Y3); 10,000 (Y4)
	3		Partition numbers to 1,000 (Y3); 10,000 (Y4)
	4		Flexible partitioning of numbers to 1,000 (Y3); 10,000 (Y4)
3	1		Find 1, 10 or 100 more or less (Y3); Find 1, 10, 100 and 1,000 more or less (Y4)
	2		Number line to 1,000 (Y3); 10,000 (Y4)
	3		Estimate on a number line to 1,000 (Y3); 10,000 (Y4)
	4		Compare numbers to 1,000 (Y3); 1,000 (Y4)
4	1		Order numbers to 1,000 (Y3); 10,000 (Y4)
	2		Round to nearest 10 (Y4)
	3		Hundreds, tens and ones (Y3); Round to nearest 100 (Y4)
	4		Count in 50s (Y3); Round to nearest 1,000 (Y4)
5	1		Roman numerals to 12 (Y3); Roman numerals (Y4)
	2	Addition and Subtraction	Apply number bonds within 10 (Y3)
	3		Add and subtract ones (Y3)
	4		Add and subtract 10s (Y3)
6	1		Add and subtract 100s (Y3)
	2		Spot the pattern (Y3); Add and subtract 1s, 10s, 100s and 1,000s (Y4)
	3		Add ones across a 10 (Y3)
	4		Add tens across a 100 (Y3)
7	1		Subtract 1s across a 10 (Y3)
	2		Subtract 10s across a 100 (Y3)
	3		Make connections (Y3)
	4		Add two numbers (no exchange) (Y3) ; Add up to two 4 digit numbers (no exchange) (Y4)
8	1		Add two numbers across a ten (Y3); Add two 4 digit numbers – one exchange (Y4)
	2		Add two numbers across a 100 (Y3); Add two 4 digit numbers – more than one exchange (Y4)
	3		Subtract two numbers (no exchange) (Y3); Subtract two 4-digit numbers – no exchange (Y4)
	4		Subtract two numbers (across a 10) (Y3); Subtract two 4-digit numbers – one exchange (Y4)

Autumn Term 2 Team Cowell

Week	Day	Unit	Objective(s)
1	1	Addition and Subtraction	Subtract to numbers (across 100); Subtract two numbers (more than one exchange) (Y4)
	2		Add 2 digit and 3 digit numbers (Y3)
	3		Subtract a 2-digit number form a 3-digit number (Y3); Efficient subtraction (Y4)
	4		Complements to 100 (Y3)
2	1		Estimate answers (Y3); Estimate answers (Y4)
	2		Inverse operations (Y3);
	3		Make decisions (Y3); Checking strategies (Y4)
	4	Area	What is area? (Y4)
3	1		Count squares (Y4)
	2		Make shapes (Y4)
	3		Compare areas (Y4)
	4	Multiplication and Division A	Multiplication – equal groups (Y3)
4	1		Use arrays (Y3)
	2		Multiples of 2 (Y3)
	3		Multiples of 5 and 10 (Y3)
	4		Sharing and grouping (Y3)
5	1		Multiply by 3 (Y3); Multiples of 3 (Y4)
	2		Divide by 3 (Y3)
	3		3 times tables (Y3)
	4		Multiply by 4 (Y3)
6	1		Divide by 4 (Y3)
	2		Four times table (Y3)
	3		
	4		

Spring Term 1 Team Cowell

Week	Day	Unit	Objective(s)
1	1	Multiplication and Division A	Multiply by 8 (Y3)
	2		Divide by 8 (Y3) Multiply by 6 (y4)
	3		8 times table (Y3) 6 times tables and division facts (Y4)
2	1		2, 4 and 8 times table (Y3) Multiply and divide by 9 (Y4)
	2		Multiply and divide by 7 (Y4)
	3		7 times tables and division facts (Y4)
	4		11 times tables and division facts (Y4)
3	1		12 times tables and division facts (Y4)
	2		Multiply by 1 and 0 (Y4)
	3		Divide any number by 1and itself (Y4)
	4		Multiply 3 numbers (Y4)
4	1	Multiplication and Division B	Factor pairs / use factor pairs (Y4 Step 1/2)
	2		Multiples of 10 (Y3) Multiply by 10 (Y4 Step 3)
	3		Multiply by 100 (Y4)
	4		Divide by 10 (Y4)
5	1		Divide by 100 (Y4)
	2		Related calculations (Y3 Step 2) Related facts (Y4)
	3		Reasoning about multiplication (Y3)
	4		Multiply a 2-digit number by a 1-digit number - no exchange (Y3)
6	1		Multiply a 2-digit number by a 1-digit number - with exchange (Y3) Multiply a 2-digit number by a 1-digit number (Y4)
	2		Link multiplication and division (Y3) Informal written methods for multiplication (Y4)
	3		Multiply a 3-digit number by a 1-digit number (Y4)
	4		Divide a 2-digit number by a 1-digit number - no exchange (Y3) Divide a 2-digit number by a 1-digit number – 1 (Y4)
7	1		Divide a 2-digit number by a 1-digit number - flexible partitioning (Y3) Divide a 2-digit number by a 1-digit number – 2 (Y4)
	2		Divide a 2-digit number by a 1-digit number - with remainders (Y3) Divide a 3-digit number by a 1-digit number (Y4)
	3		Scaling (Y3) Efficient multiplication (Y4)
	4		How many ways (Y3); Correspondence problems (Y4)

Spring Term 2 Team Cowell

Week	Day	Unit	Objective(s)
1	1	Length and Perimeter	Measure in metres and centimetres (Y3) Measure in kilometres and metres (Y4)
	2		Measure in mm (Y3) / measure in cm and mm (Y3)
	3		Metres, centimetres and millimetres (Y3)
	4		Equivalent lengths (Y3) Compare lengths (Y3)
2	1		What is perimeter? (Y3)
	2		Calculate perimeter (Y3) Perimeter of a rectangle (Y4)
	3		Perimeter of rectilinear shapes (Y4)
	4		Missing lengths in rectilinear shapes (Y4)
3	1		Calculate perimeter of rectilinear shapes (Y4)
	2	Fractions	Understand the denominators of unit fractions (Y3)
	3		Compare and order unit fractions (Y3)
	4		Understand the numerators of non-unit fractions (Y3)
4	1		Understand the whole (Y3) Understand the whole (Y4)
	2		Compare and order non-unit fractions (Y3)
	3		Fractions and Scales (Y3) Count beyond 1 / partition mixed numbers (Y4)
	4		Fractions on a number line (Y3) Mixed Fractions on a number line (Y4)
5	1		Equivalent fractions on a number line (Y3) (Y4)
	2		Equivalent fractions as bar models (Y3) Compare and order mixed numbers (Y4)
	3		
	4		Good Friday – School Closed

Summer Term 1 Team Cowell

Week	Day	Unit	Objective(s)	
1	1	Fractions	Understand improper fractions (Y4)	
	2		Convert mixed numbers to improper fractions (Y4)	
	3		Convert improper fractions to mixed numbers (Y4)	
	4		Add fractions (Y3); Add 2 or more fractions (Y4)	
2	1		Add fractions and mixed numbers (Y4)	
	2		Subtract fractions (Y3); Subtract 2 fractions (Y4)	
	3		Partition the whole (Y3); Subtract from whole amounts (Y4)	
	4		Subtract from mixed numbers (Y4)	
3	1	Mass and Capacity (Y3) Decimals (Y4)	Use Scales (Y3)	Tenths as fractions (Y4)
	2		Measure mass in g (Y3)	Tenths as decimals (Y4)
	3		Measure mass in kg and g (Y3)	Tenths on a place chart (Y4)
	4		Equivalent masses (kg and g)	Tenths on a number line (Y4)
4	1		Compare mass (Y3)	Divide a 1-digit number by 10 (Y4)
	2		Add and subtract mass (Y3)	Divide a 2-digit number by 10 (Y5)
	3		Measure capacity and volume in ml (Y3)	Hundredths as fractions (Y4)
	4		Measure capacity and volume in l and ml (Y3)	Hundredths as decimals (Y4)
5	1		Equivalent capacities and volumes (Y3)	Hundredths on a place value chart (Y4)
	2		Add and subtract capacity and volume (Y3)	Divide a 1-digit number or 2-digit number by 100 (Y4)
	3	Money	Pounds and pence (Y3); Write money using decimals (Y4)	
	4		Convert pounds and pence (Y3); Convert between pounds and pence (Y4)	
6	1		Add money (Y3); Calculate with money (Y4)	
	2		Subtract money (Y3); Estimate with money (Y4)	
	3		Find change (Y3); Compare amounts of money (Y4)	
	4			

Summer Term 2 Team Cowell

Week	Day	Unit	Objective(s)
1	1	Shape	Turns and angles (Y3); Understand angles as turns (Y4)
	2		Right angles (Y3); Identify angles (Y4)
	3		Compare angles (Y3); Compare and order angles (Y4)
	4		Measure and draw accurately (Y3); Triangles (Y4)
2	1		Horizontal and vertical (Y3); Quadrilaterals (Y4)
	2		Parallel and perpendicular (Y3); Lines of symmetry (Y4)
	3		Recognise and describe 2D shapes(Y3) ; Complete a symmetric figure (Y4)
	4		Draw polygons (Y3); Polygons (Y4)
3	1		Recognise, describe and make 3D shapes (Y3)
	2	Statistics	Interpret pictograms (Y3); Interpret charts (Y4)
	3		Draw pictograms (Y3); Comparison, sum and difference (Y4)
	4		Interpret bar charts (Y3); Interpret line graphs (Y4)
4	1		Draw bar charts (Y3); Draw line graphs (Y4)
	2		Collect and represent data (Y4)
	3		Two way data (Y4)
	4	Time	Tell the time to 5 minutes (Y3)
5	1		Tell the time to the minute (Y3)
	2		Read time on a digital clock (Y3); Convert between digital and analogue (Y4)
	3		Use am and pm (Y3); Convert to 24 hour clock (Y4)
	4		Years, months and days (Y3); Years, months, weeks and days (Y4)
6	1		Days and hours (Y3)
	2		Hours and minutes – use start and end times / use durations (Y3); Convert from 24 hour clock (Y4)
	3		Minutes and seconds (Y3)
	4	Position and Direction	Describe position using co-ordinates / Plot co-ordinates (Y4)
7	1		Draw 2d shapes on a grid (Y4)
	2		Translate on a grid (Y4)
	3		Describe translation on a grid (Y4)
	4		