Autumn Term 1   Team Walliams

Week	Day	Unit	Objective(s)
1	1		No maths. First day back at school
	2		Represent numbers to 1000 (Y4)
	3		Partition to 1000 (Y4)
	4		Number line to 1000 (Y4)
2	1		Thousands (Y4)
	2		Numbers to 10,000 (Y4); Represent numbers to 10,000 (Y5)
	3		Partition numbers to 10,000 (Y4); Numbers to 100,000 (Y5)
	4		Flexible partitioning of numbers to 10,000 (Y4); Numbers to 1,000,000 (Y5)
3	1	Place Value	Number line to 10,000 (Y4); read and write numbers to 1,000,000 (Y5)
	2		Estimate on a number line to 10,000 (Y4); Powers to 10 (Y5)
	3		Find 1, 10, 100, 1000 more or less (Y4); 10/100/1,000,10,000,1000,00 more or less (Y5)
	4		Compare numbers to 10,000 (Y4); Compare and order to 100,000 (Y5)
4	1		Order numbers to 10,000 (Y4), Compare and order numbers to 1,000,000 (Y5)
	2		Number-line to 1,000,000 (Y5)
	3		Roman numerals (Y4); Roman numerals to 1,000 (Y5)
	4		Round to the nearest 10 (Y4); Round to the nearest 10, 100, 1000 (Y5)
5	1		Round to nearest 100 (Y4); Round within 100,000 (Y5)
	2		Round to nearest 1,000 (Y4); Round within 1,000,000 (Y5)
	3		Round to nearest 10, 100, 1000 (Y4); Rounding consolidation (Y5)
	4		Add and subtract 1s, 10s, 100s and 1,000s (Y4)
6	1	Addition and Subtraction	Add up to two 4-digit numbers (Y4); Add whole numbers with more than 4 digits (Y5)
	2		Add two 4 digit numbers – one exchange (Y4); Mental strategies (Y5)
	3		Add two 4 digit numbers –more than one exchange (Y4); Round to check answers (Y5)
	4		Subtract two 4 digit numbers – no exchange (Y4); Subtract whole numbers with more than four digits (Y5)
7	1		Subtract two 4 digit numbers – one exchange (Y4); Inverse operations + and – (Y5)
	2		Subtract two 4-digit numbers – more than one exchange (Y4); Multi-step addition and subtraction problems (Y5)
	3		Efficient subtraction (Y4) Checking strategies (Y5)
	4		Compare calculations (Y5)
8	1		Find missing numbers (Y5)
	2		Assessment
	3		
	4		

Autumn Term 2   Team Walliams

Week	Day	Unit	Objective(s)
1	1	Multiplication and Division A	Multiples of 3 (Y4); Multiples (Y5)
	2		Multiply and divide by 6 (Y4); Common multiples (Y5)
	3		6 times table and division facts (Y4) ; Factors (Y5)
	4		Multiply and divide by 9 (Y4); Common factors (Y5)
2	1		9 times table and division facts (Y4); Prime numbers (Y5)
	2		The 3, 6 and 9 times tables (Y4); Square numbers (Y5)
	3		Multiply and divide by 7 (Y4); Cube numbers (Y5)
	4		7 times table and division facts (Y4); Multiply by 10, 100 and 1,000 (Y5)
3	1		12 times table and division facts (Y4); Divide by 10, 100 and 1,000 (Y5)
	2		Multiply 3 numbers (Y4); Multiples of 10, 100 and 1,000 (Y5)
	3	Fractions (A)	Count beyond 1 (Y4); Find fractions equivalent to unit fractions (Y5)
	4		Partition a mixed number / Number lines with mixed numbers (Y4); Find fractions equivalent to non-unit fractions (Y5)
4	1		Compare and order mixed numbers (Y4); Recognise equivalent fractions (Y5)
	2		Understand improper fractions (Y4)
	3		Convert mixed numbers to improper fractions (Y4); Convert mixed numbers to improper fractions (Y5)
	4		Convert improper fractions to mixed numbers (Y4); Convert improper fractions to mixed numbers (Y5)
5	1		Equivalent fractions on a number line (Y4); Compare and order fractions less than 1 (Y5)
	2		Equivalent fraction families (Y4); Compare and order fractions greater than 1 (Y5)
	3		Add two or more fractions (Y4); Add fractions within 1 or greater than 1 (Y5)
	4		Add fractions and mixed numbers (Y4); Add to a mixed number (Y5)
6	1		Add 2 mixed numbers (Y5)
	2		
	3		
	4		

Spring Term 1   Team Walliams

Week	Day	Unit	Objective(s)
1	1	Fraction (A)	Subtract two fractions (Y4); Subtract fractions (Y5)
	2		Subtract from a mixed number (Y4); Subtract from a mixed number (Y5)
	3		Subtract from whole amounts (Y4); Subtract from a mixed number – breaking the whole (Y5)
2			Subtract two mixed numbers (Y5)
		Multiplication and Division B	Factor Pairs (Y4)
			Use factor pairs (Y4)
			Multiply a 2-digit number by a 1-digit number (Y4); Multiply up to a 4-digit number by a 1-digit number (Y5)
3			Multiply a 3-digit number by a 1-digit number (Y4); Multiply a 2-digit number by a 2-digit number (area model) (Y5)
			Related facts (multiplication and division) (Y4); Multiply a 2-digit number by a 2-digit number (Y5)
			Informal written methods for multiplication (Y4); Multiply a 3-digit number by a 2-digit number
			Correspondence problems (Y4) ; Multiply a 4-digit number by a 2-digit number (Y5)
4			Multiply by 10 (Y4) ; Solve problems with multiplication (Y5)
			Multiply by 100 (Y4); Short division (Y5)
			Divide a 2-digit number by a 1-digit number (1) (Y4); Divide a 4-digit number by a 1-digit number (Y5)
			Divide a 2-digit number by a 1-digit number (2) (Y4) ; Divide with remainders (Y5)
5			Divide a 3-digit number by a 1-digit number (Y4); Efficient division (Y5)
			Divide by 10 (Y4); Solve problems with multiplication and division (Y5)
			Divide by 100 (Y4); Consolidation work (Y5)
			Assessment – Fractions and Multiplication and Division B
6		Length and Perimeter (Y4); Perimeter and Area (Y5)	Equivalent measurements (Y4)
			Perimeter on a grid (Y4);
			Perimeter of a rectangle (Y4); Perimeter of rectangles (Y5)
			Perimeter of rectilinear shapes (Y4); Perimeter of rectilinear shapes (Y5)
7			Find missing lengths in rectilinear shapes (Y4);
			Calculate the perimeter of rectilinear shapes (Y4);
			Perimeter of regular polygons (Y4);
			Perimeter of polygons (Y4); Perimeter of polygons (Y5)

Spring Term 2   Team Walliams

Week	Day	Unit	Objective(s)
1	1	Area (Y4) Perimeter and Area (Y5)	What is area? (Y4); Area of rectangles (Y5)
	2		Count squares (Y4); Area of compound shapes (Y5)
	3		Make shapes (Y4) ; Estimate area (Y5)
	4		Compare areas (Y4)
2	1	Decimals A and B(Y4) Decimals and Percentages (Y5)	Tenths as fractions (Y4); Decimals up to 2 decimal places (Y5)
	2		Tenths as decimals (Y4); Equivalent fractions and decimals (tenths) (Y5)
	3		Tenths on a place value chart (Y4); Equivalent fractions and decimals (hundredths)(Y5)
	4		Tenths on a number line (Y4); Equivalent fractions and decimals (Y5)
3	1		Hundredths as fractions (Y4); Thousandths as fractions (Y5)
	2		Hundredths as decimals (Y4); Thousandths as decimals (Y5)
	3		Hundredths on a place value chart (Y4); Thousandths on a place value chart (Y5)
	4		Compare decimals (Y4); Order and compare decimals (same number of decimal places) (Y5)
4	1		Order decimals (Y4); Order and compare any decimals with up to 3 decimal places (Y5)
	2		Divide a 1-digit number by 10 (Y4); Understand percentages (Y5)
	3		Divide a 2-digit number by 10 (Y4); Percentages as fractions (Y5)
	4		Divide a 1- or 2-digit number by 100 (Y4); Percentages as decimals (Y5)
5	1		Round to the nearest whole number (Y4); Round to the nearest whole number (Y5)
	2		Halves and quarters as decimals (Y4); Round to 1 decimal place (Y5)
	3		Assessment of decimals and percentages
	4		Good Friday – School closed

Summer Term 1 Team Walliams

Week	Day	Unit	Objective(s)
1	1	Shape	Understand angles as turns (Y4); Understand and use degrees (Y5)
	2		Identify angles (Y4); Classify angles (Y5)
	3		Compare and order angles (Y4); Estimate angles (Y5)
	4		Triangles (Y4); Measure angles up to 180
2	1		Quadrilaterals (Y4) Draw lines and angles accurately (Y5)
	2		Polygons (Y4); Calculate angles around a point (Y5)
	3		Lines of symmetry(Y4); Calculate angles on a straight line (Y5)
	4		Complete a symmetric figure (Y4); Lengths and angles in shapes (Y5)
3	1		Regular and irregular polygons (Y5)
	2		3-D shapes (Y5)
	3	Position and Direction	Describe position using coordinates (Y4);
	4		Plot coordinates (Y4); Read and plot coordinates (Y5)
4	1		Draw 2-D shapes on a grid (Y4); Problem solving with coordinates (Y5)
	2		Translate on a grid (Y4); Translation (Y5)
	3		Describe translation on a grid (Y4); Translation with coordinates (Y5)
	4		Lines of symmetry (Y5)
5	1		Reflection in horizontal and vertical lines (Y5)
	2	Statistics	Assessment – Shape and Position and Direction
	3		Interpret charts (Y4); Read and interpret tables (Y5)
	4		Comparison, sum and difference (Y4); Two-way tables (Y5)
6	1		Interpret line graphs (Y4; Read and interpret line graphs (Y5)
	2		Draw line graphs (Y4); Draw line graphs (Y5)
	3		Read and interpret timetables (Y5)
	4		

Summer Term 2   Team Walliams

Week	Day	Unit	Objective(s)	
1	1	Time (Y4) Converting Units (Y5)	Years, months, weeks and days (Y4);	
	2		Hours, minutes and seconds (Y4); Convert units of time (Y5)	
	3		Convert between analogue and digital times (Y4) Calculate with timetables (Y5)	
	4		Convert to the 24 hour clock (Y4); Kilograms and kilometres (Y5)	
2	1		Convert from the 24 hour clock (Y4); Millimetres and millilitres (Y5)	
	2		Convert units of length (Y5)	
	3		Convert between metric and imperial units (Y5)	
	4	Volume	Cubic centimetres (Y5)	
3	1		Compare and estimate volume (Y5)	
	2		Estimate capacity (Y5)	
	3		Write money using decimals (Y4);	Use known facts to add and subtract decimals within 1 (Y5)
	4		Convert between pounds and pence (Y4);	Complements to 1 (Y5)
4	1		Compare amounts of money (Y4);	Add and subtract decimals across 1 (Y5)
	2		Estimate with money (Y4)	Add decimals with the same number of decimal places (Y5)
	3		Calculate with money (Y4);	Subtract decimals with the same number of decimal places (Y5)
	4		Solve problems with money (Y4)	Add decimals with different numbers of decimal places (Y5)
5	1		Consolidation or extension work	Subtract decimals with different numbers of decimal places (Y5)
	2			Efficient strategies for adding and subtracting decimals (Y5)
	3			Decimal sequences (Y5)
	4		Multiply by 10, 100 and 1,000 (Y5)	
6	1		Divide by 10, 100 and 1,000 (Y5)	
	2		Multiply and divide decimals - missing values (Y5)	
	3	Negative numbers	Understand negative numbers (Y5)	
	4		Count through zero in 1s (Y5)	
7	1		Count through zero in multiples (Y5)	
	2		Compare and order negative numbers (Y5)	
	3		Find the difference (Y5)	
	4			