Whole School Objective Map
Fractions, Decimals and Measures.

Thistly Meadow Primary School

Maths	Key Stage 1		Lower Key Stage 2		Upper Key Stage 2	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions						
Recognise, find, name and write	½ and ¼	1/3 and ¼	count in 1/3, ¼ tenth and hundreds	fractions of fractions	improper fractions and mixed numbers	simplify fractions
Add and subtract			fractions with the same denominator, below 1 unit	fractions with same denominator, above 1 unit	more than two fractions with the same denominator	fractions with different denominators
Multiply					proper fractions and mixed number x whole number	fractions x fractions
Decimals						
Recognise, compare and write				1 decimal place	up to 1 decimal place	any number of decimal places
Decimal to fraction equivalents				1/3, ¼, 1/2 , tenth	hundredths,	1/8, 1/3
Multiply and divide				by 10 or 100	by 1000	numbers with 2 decimal places x whole numbers
Rounding				1 decimal place to nearest whole	2 decimal places to nearest whole or to one decimal place	solve word problems which require rounding
Percentages					recognise decimal and fraction equivalents of 50%, 25%, 20% and 40%	calculate percentages of whole numbers
Ratio and proportion						solve word problems
Algebra						missing numbers and solve sentences with up to two unknowns
Measures						
Length and height	compare, describe, measure	record, read scales, order	add, subtract	convert cm to mm	convert km to m to cm to mm	solve word problems
Mass/weight	compare, describe, measure	record, read scales, order	add, subtract	convert kg to g	estimate weight of everyday objects	solve word problems
Capacity	compare, describe, measure	record, read scales, order	add, subtract	convert l to ml	recognise and estimate volume	compare volume of cubes and cuboids
Time	compare, describe, o'clock and half past	read clock face	read and convert 12hr and 24hr	convert hrs to mins, mins to sec, years to months	write timetables	interpret timetables and timelines
Money			add and subtract	to 2 decimal places	of rectangles, by measuring and calculating	give change with speed and accuracy
Area				of rectangles by counting	of rectangles by measuring and calculating	recognise shapes with same area can have different perimeters, calculate area of triangles and parallelograms
Perimeter				of rectangles, by calculating	of composite shapes, by measuring and calculating	recognise with shapes with same perimeter can have different area