Year 5: Evidence Gathering Grid

Name:		**Date/title/book:**			**Using & Applying**
Number and place value	Know that 10 tenths are equivalent to 1 one, 1 is 10 times the size of 0.1, 100 hundredths are equivalent to 1 one, 1 is 100 times the size of 0.01, 10 hundredths are equivalent to 1 tenth and 0.1 is 10 times the size of 0.01.				
	Recognise the place value of each digit in numbers with up to 2 decimal places. Compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.				
	Reason about the location of any number with up to 2 decimal places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each.				
	Represent and explain how the number system includes negative numbers and place them on a number line.				
	Divide 1 into 2, 4, 5 and 10 equal parts and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.				
	Convert between units of measure, including using common decimals and fractions.				
Number facts	Secure fluency in multiplication table facts and corresponding division facts, through continued practise.				
	Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth).				
Addition and Subtraction	Represent and explain addition and subtraction problems involving numbers with more than four-digit numbers in different contexts (graphs, charts, timetables and measuring scales) and appropriately chose mental or written methods justifying their decision.				
Multiplication & Division	Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.				
	Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.				
	Multiply any whole number with up to 4 digits by any one-digit number using a formal written method.				
	Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.				
	Represent and explain multiplication and division problems (involving up to four-digit numbers by one-digit numbers) in different contexts (including measures) and appropriately chose mental or written methods justifying their decision.				
Fractions	Find non-unit fractions of quantities.				
	Find equivalent fractions and understand that they have the same value and the same position in the linear number system.				
	Recall decimal equivalents for $\frac{1}{2}$ $\frac{1}{5}$ $\frac{1}{10}$ $\frac{1}{4}$ and for multiples of these proper fractions.				
	Identify fractions bigger than one.				
Geometry	Compare angles, estimate and measure angles in degrees and draw angles of a given size.				
	Compare areas and calculate the area of rectangles (including squares) using standard units. Explain perimeter in relation to rectangles.				
	Explain how to reflect and translate shapes on a grid in the first quadrant and use this knowledge to solve problems.				
Measure	Solve problems involving converting between units of time.				