

Heswall Primary School Maths Targets: Year Five

NUMBER & PLACE VALUE	
- I can count forwards and backwards using negative numbers, including below 0.	
- I can count forwards and backwards in powers of 10 for any given number up to 1,000,000.	
- I can read, write and order numbers up to 1,000,000 and recognise how much each digit is 'worth'.	
- I can round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 & 100,000.	
- I can solve number problems and practical problems involving place value.	
- I can read Roman numerals to 1,000 (I to M).	
<i>- I can think deeply (reason) about number facts to solve more complex problems.</i>	
FRACTIONS	
- I can compare and order fractions with the same denominator.	
- I can identify, write and name equivalent fractions of a given fraction.	
- I can recognise and convert mixed numbers and improper fractions.	
- I can convert decimal numbers to fractions.	
- I can recognise the percent symbol (%) & write percentages as a fraction and as a decimal.	
- I can round numbers with two decimal places (2dp).	
- I can read, write and compare numbers with up to three decimal places (3dp).	
- I can add and subtract fractions with the same denominator & denominators that are multiples of the same number.	
<i>- I can think deeply (reason) about and solve complex problems involving a range of fractions.</i>	
ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION	
- I can add and subtract numbers mentally with increasingly large numbers.	
- I can use formal written methods to add and subtract whole numbers with 4 digits or more.	
- I can use all four operations to solve different multi-step problems.	
- I know all of my times tables facts.	
- I can identify multiples & factors and find all factor pairs of a number and common factors of two numbers.	
- I know what a prime number is, I can recognise prime numbers up to 19 and I can work out if a number is prime or not.	
- I can multiply and divide numbers by 10, 100 and 1,000.	
- I can use formal written methods to divide and multiply whole numbers with 4 digits or more.	
<i>- I can use all four operations to solve tricky problems.</i>	
<i>- I can solve problems which refer to squared and cubed numbers.</i>	

MEASUREMENT	
- I can convert between different units of metric measurement (e.g. kilometre & metre; centimetre & metre; centimetre & millimetre; gram & kilogram; litre & millilitre)	
- I can recognise and compare different imperial and metrics units of measurement.	
- I can measure and calculate perimeter and area of different shapes.	
- I can use all four operations to solve problems involving measurement.	
- I can solve problems involving units of time.	
<i>- I can demonstrate skill in converting between different units of measure to solve problems, using all four operations.</i>	
<i>- I can think deeply (reason) about problems involving area and volume.</i>	
GEOMETRY	
- I can recognise 3D shapes from their nets.	
- I know angles are measured in degrees and I can estimate & compare acute, obtuse & reflex angles.	
- I can measure and draw angles using a protractor.	
- I can use my knowledge about types of shape to identify whether they are regular or irregular.	
- I can use my knowledge about properties of quadrilaterals to calculate different & missing lengths and angles.	
- I can translate and reflect shapes, and know they have changed position, but not size.	
<i>- I can think deeply (reason) to help me solve tricky problems involving angles.</i>	
<i>- I can solve more tricky problems involving reflection and translation of shapes.</i>	
STATISTICS	
- I can solve a range of different problems and answer/ask questions using information in a line graph.	
- I can complete, read & interpret information in tables.	
<i>- I can determine which way of presenting information is the most effective.</i>	

Normal font = working at ARE.

Bold font = working above ARE/towards mastery standard.