

Heswall Primary School Maths Targets: Year Six

NUMBER & PLACE VALUE	
- I can use place value to read, write and order numbers up to 10,000,000.	
- I can identify the value of each digit in numbers up to 3 decimal places.	
- I can round numbers to the nearest 10, 100, 1,000, 10,000, 100,000 & 1,000,000.	
- I can use negative numbers to solve problems.	
<i>- I can reason and spot patterns when multiplying and dividing by powers of ten.</i>	
FRACTIONS	
- I can recognise and use common factors.	
- I can use division to simplify fractions to their simplest form.	
- I can identify equivalent fractions.	
- I can recognise and use the percentage symbol (%) to answer questions.	
- I can add and subtract fractions with denominators which are multiples.	
- I can convert between improper fractions and mixed numbers.	
<i>- I can compare and order fractions, including fractions less than 1.</i>	
<i>- I can multiply pairs of fractions.</i>	
<i>- I can divide proper fractions by whole numbers.</i>	
ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION	
- I can add and subtract mentally with two and three digit numbers.	
- I can add and subtract four digit numbers (or greater) using a formal written method.	
- I can use all four operations to solve multi-step word problems.	
- I know my times tables up to and including 12 x 12.	
- I can recognise and use multiples and factors.	
- I know what a prime number is, and can identify them up to 19.	
- I know what a square number is, and can identify them up to 144.	
- I can multiply whole numbers and decimal numbers by 10, 100 and 1,000.	
- I can multiply and divide mentally with two and three digit numbers.	
- I can use a formal written method for multiplication and division.	
- I am able to use my knowledge of the four operations to reason, discuss and solve problems.	
<i>- I can identify highest and lowest common multiples and factors.</i>	
<i>- I can solve a range of sophisticated problems including all four operations.</i>	
<i>- I can use known multiplication and division facts, and the inverse, to solve missing number problems.</i>	
MEASUREMENT	
- I can read, write and convert time between analogue and digital; 12 & 24 hour clocks.	
- I can read Roman numerals to 1,000 (M).	
- I can solve multi-step word problems using a range of measurements.	
- I can read, write and convert a range of different measures. (mm, cm, m, km, g, kg, ml, l)	
- I can measure and calculate the perimeter and area of regular shapes.	
- I can estimate the area of some irregular shapes.	
<i>- I can convert imperial measurements to metric measurements and vice versa. (miles to km)</i>	
<i>- I can recognise and use formulae to calculate the area and volume of shapes.</i>	
<i>- I can calculate the areas of parallelograms and triangles.</i>	

GEOMETRY	
- I can compare and classify shapes based on their properties.	
- I can draw nets which create simple 3D shapes.	
- I can draw 2D shapes accurately.	
- I can find unknown angles in a triangle.	
- I can recognise different types of angle, and measure them using a protractor.	
- I can describe what is meant by the radius, diameter and circumference of a circle.	
- I can answer questions which ask me to read or plot points on a co-ordinates grid.	
- I can find unknown angles in any quadrilateral.	
- I can describe positions on the full co-ordinates grid. (all four quadrants)	
- I can translate and reflect shapes on a co-ordinates grid.	
STATISTICS	
- I can complete, read and interpret information in tables and bar charts.	
- I can draw and read information from pie charts and line graphs.	
- I can calculate and interpret the different types of average from a set of given data.	
- I can solve tricky problems using charts and graphs.	

Normal font = working at ARE.

Bold font = working above ARE/towards mastery standard.