Netherbrook Primary School

Year 4 Maths Assessment

Number and Place value		
1	I can count in multiples of 6, 7, 9, 25 and 1000.	
2	I can count backwards through zero to include negative numbers.	
3	I can read and write numbers to at least 10,000	
4a	I can recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) and partition in different ways	
4b	I can recognise the place value of each digit in a number up to two decimal places and partition in different ways.	
5	I can order and compare numbers beyond 1000 and numbers with the same number of decimal places up to 2 decimal places.	
6	I can read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.	
7	I can round any number to the nearest 10, 100 or 1000.	
8	I am able to identify, represent and estimate numbers using different representations including the number line.	
9	I can find 1000 more or less than a given number.	
10	I can solve number and practical problems that involve all of the above and with increasingly large positive numbers.	
Addition and Subtraction		
11	I can add and subtract at least 2 numbers with up to 4 digits and decimals with up to two decimal places using the formal written methods of columnar addition and subtraction where appropriate.	
12	I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	
13	I can add and subtract fractions with the same denominator.	
Multiplication and Division		
14	I can recall multiplication and division facts for multiplication tables up to 12 x 12.	
15	I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.	
16	I can recognise and use factor pairs and commutativity in mental calculations.	
17	I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout.	
18	I can solve 2 step problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	
19	I can recognise and use factor pairs.	
20	I understand the effect of multiplying and dividing a one or two digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	

Netherbrook Primary School

Year 4 Maths Assessment

Measurements		
21	I can convert between different units of measure [for example, kilometre to metre; hour to minute].	
22	I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.	
23	I can find the area of rectilinear shapes by counting squares.	
24	I am able to estimate, compare and calculate different measures, including money in pounds and pence.	
25	I can read, write and convert time between analogue and digital 12- and 24-hour clocks.	
26	I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	
Fractions		
27	I am able to recognise and show, using diagrams, families of common equivalent fractions.	
28	I can count up and down in hundredths and 0.01; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	
29	I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities (including simple measure and money), including non-unit fractions where the answer is a whole number.	
30	I am able to recognise and write decimal equivalents of any number of tenths or hundredths.	
31	I am able to recognise and write decimal and percentage equivalents to 1/4, 1/2, ¾ and any number of tenths and hundredths.	
Statistics		
33	I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.	
34	I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	
Geometry: Properties of shape		
35	I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	
36	I can identify acute and obtuse angles and compare and order angles up to two right angles by size.	
37	I can identify lines of symmetry in 2D shapes presented in different orientations. Complete a simple symmetric picture using a specific line of symmetry.	
Geometry: Position and Direction		
38	I can describe movements between positions as translations of a given unit to the left/right and up/down.	
39	I can describe positions on a 2D grid as coordinates in the first quadrant.	
40	I am able to plot specified points and draw sides to compete a given polygon.	