Meridian Angel Primary School

# Year 5 Maths Assessment (Statements)

Name: Class:

| | B | B+ | W | W+ | S | S+ | | B | B+ | W | W+ | S | S+ | | B | B+ | W | W+ | S | S+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Autumn | | | | | | | Spring | | | | | | | Summer | | | | | | |

| Number | |
|---|---|
| **Number and Place Value and Rounding** | **Date achieved** |
| To count forwards or backwards in steps of powers of 10 for any given number up to **1,000,000.** | |
| To use negative numbers in context and count forwards and backwards with positive and negative numbers through 0. | |
| To round any number up to **1,000,000** to the nearest 10, 100, 100, 10,000 and 100,000. | |
| To solve number and practical problems. | |
| To read Roman numerals to 1000 (M) | |
| To recognise years written in Roman numerals. | |
| | |
| **Addition Subtraction** | |
| To add numbers with more than 4 digits using efficient written methods. | |
| To subtract numbers with more than 4 digits using efficient written methods. | |
| To add mentally using increasingly large numbers. | |
| To subtract mentally using increasingly large numbers. | |
| To use rounding to check answers to calculations. | |
| To solve multi-step addition problems in contexts, deciding which operations and methods to use and why. | |
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| **Multiplication Division** | |
| To recall X facts for multiplication tables up to 12x12. | |
| To recall ÷ facts for multiplication tables up to 12x12. | |
| To know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers. | |
| To establish whether a number up to 100 is prime and recall prime numbers up to 19. | |
| To X number up to 4 digits by a 1 or 2 digit number. | |
| To divide numbers up to 4 digits by a 1 digit number using an efficient written method. | |
| To recognise and use square numbers and cube numbers. | |
| To X whole numbers and those involving decimals by 10, 100 & 1000. | |
| To ÷ whole numbers and those involving decimals by 10, 100 & 1000. | |
| To solve problems including scaling by simple fractions and simple rates. | |
| | |
| **Fraction, Decimal, Percentages** | |
| To compare and order fractions whose denominators are all multiples of the same number. | |
| To begin to compare and order fractions, including fractions greater than 1. | |
| To recognise mixed numbers and improper fractions and convert from one form to another. | |
| To + and – fractions with the same denominator and related fractions. | |
| To multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. | |
| To read and write decimal numbers as fractions. | |
| To recognise and use 1000ths and relate them to 10ths, 100ths and decimal equivalents. | |
| To round decimals with 2 decimal places to the nearest whole number and to one decimal place. | |
| To read, write, order and compare numbers with up to 3 decimal places. | |

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| To solve number problems up to 3 decimal places. | |
| To recognise the % symbol and understand what it means. | |
| To write percentages as a fraction. | |
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| **Measurement** | |
| To convert between different units of measure (e.g. km to m; m to cm; cm to mm; kg to g; l to ml and vice versa. | |
| To understand and use basic equivalences between metric and common Imperial units. | |
| To measure and calculate the perimeter of composite rectilinear shapes in cm and m. | |
| To calculate and compare the area of squares and rectangles. | |
| To estimate the area of irregular shapes. | |
| To recognise and estimate volume and capacity. | |
| To solve problems involving converting between units of time. | |
| To solve problems involving addition and subtraction of units of measures using decimal notation. | |
| To tell the time on an analogue clock to the nearest 5 minutes | |
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| **Geometry (Shapes, Position and directions)** | |
| To identify 3-D shapes, including cubes and cuboids, from 2-D presentations. | |
| I know angles are measured in degrees and can estimate and measure them. | |
| To draw a given angle, writing its size in degrees. | |
| To identify multiples of 90 degrees. | |
| To identify angles at a point on a straight line and ½ a turn. | |
| To identify angles at a point and one whole turn. | |
| To identify reflex angles. | |
| To compare different angles. | |
| To draw shapes using given dimensionsre and angles.(N/S guidance) | |
| To state and use the properties of a rectangle to deduce related facts. | |
| To distinguish between regular and irregular polygons. | 1 |
| | |
| **Statistics** | |
| To solve 'comparison' problems using information presented in line graphs. | |
| To solve 'sum' problems using information presented in line graphs. | |
| To solve 'difference' problems using information presented in line graphs. | |
| To complete information in tables including timetables. | |
| To read and interpret information in tables including timetables. | |
| To present information using ICT. (N/S guidance) | |

**Steps**

| B | B+ | W | W+ | S | S+ |
|---|---|---|---|---|---|
| *1-11 statements highlighted* | *12-21 statements highlighted* | *22 – 31 statements highlighted* | *32 -41 statements highlighted* | *42-52 statements highlighted* | *53-60 statements highlighted* |