

Maths Key Performance Indicators – Mars Class

| | Strand | Sub-strand | Progression statement |
|--------------------|-------------------------------------|--|--|
| Number | Number and place value | Count | Count from 0 in multiples of 100 |
| | | | Find 10 or 100 more or less than a given number |
| | | | Count from 0 in multiples of 4, 8 and 50 |
| | | Represent numbers | Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) |
| | | Solve number problems | Solve number problems and practical problems with number and place value from the Year 3 curriculum |
| | Calculation | Calculate Mentally | Mentally add and subtract numbers including a three-digit number with ones, tens or hundreds |
| | | | Calculate mentally using multiplication and division facts for the 3, 4 and 8 multiplication tables, including two-digit numbers times |
| | | Recall | Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables |
| | Fractions, decimals and Percentages | Understand FDP | Recognise, find and write fractions of a discrete set of objects, unit fractions with small denominators |
| | | | Recognise, find and write fractions of a discrete set of objects, non-unit fractions with small denominators |
| | | | Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 |
| | | Convert FDP | Recognise and show, using diagrams, equivalent fractions with small denominators |
| | | Use FDP as numbers | Compare and order unit fractions, and fractions with the same denominators |
| | | | Add and subtract fractions with the same denominator within and up to one whole [for example $5/7 + 1/7 = 6/7$] |
| | | | Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators |
| Measurement | Make measurements | Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour | |
| | Solve measurement problems | Add and subtract amounts of money to give change, using both £ and p in practical contexts | |
| | | Measure, compare, add and subtract lengths (m/cm/mm); Measure, compare, add and subtract mass (kg/g); Measure, compare, add and subtract volume/capacity (L/ml). | |
| Geometry | Solve shape problems | Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn | |
| | | Identify whether angles are greater than or less than a right angle | |
| Statistics | Interpret data | Interpret bar charts, pictograms and tables | |
| | Present data | Present data in bar charts, pictograms and tables | |

