## Hemingbrough CP School

## Mathematics Stage 3

| Name: |  | T | 1 | 2 | 3 | 4 | 5 | 6 |
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| Class: | Start Level: |  |  |  |  |  |  |  |
| Year Group: | End Level: |  |  |  |  |  |  |  |
| Number: Number and Place Value |  |  |  |  |  |  |  |  |
| I can count in multiples of $4,8,50$ and 100 from 0. I can find 10 or 100 more or less from a given number. |  | 1 |  |  |  |  |  |  |
| I can read and write numbers up to 1000 in numerals and words. |  | 2 |  |  |  |  |  |  |
| I can compare and order numbers up to 1000. |  | 3 |  |  |  |  |  |  |
| I can recognise the place value of each digit in a three digit number (hundreds, tens and units). |  | 4 |  |  |  |  |  |  |
| I can recognise, show and estimate numbers using different representations (e.g. partitioning). |  | 5 |  |  |  |  |  |  |
| I can solve number problems and practical problems that use the above ideas. |  | 6 |  |  |  |  |  |  |
| Number: Addition, Subtraction, Multiplication and Division. |  |  |  |  |  |  |  |  |
| I can add and subtract numbers mentally, including: a three digit number and ones, a three digit numbers and tens, a three digit numbers and hundreds. |  | 7 |  |  |  |  |  |  |
| I can use formal written methods to add and subtract numbers with up to three digits. |  | 8 |  |  |  |  |  |  |
| I can write and solve multiplication and division problems, within the multiplication tables I know. I can times a two digit number by a one digit number, using mental methods, moving on to written methods. |  | 9 |  |  |  |  |  |  |
| I know I can use multiplication facts for the 3, 4 and 8 multiplication tables. |  | 10 |  |  |  |  |  |  |
| I can solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction. |  | 11 |  |  |  |  |  |  |
| I can solve problems, including missing number problems, involving multiplication and division. |  | 12 |  |  |  |  |  |  |
| I can estimate answers and use inverse operations to check my answers. |  | 13 |  |  |  |  |  |  |
| Number: Fractions (including decimals and percentages) |  |  |  |  |  |  |  |  |
| I can recognise, find and write fractions of a set of objects (including fractions where the numerator is one (unit fraction), and where it is greater than one (non-unit fraction)). |  | 14 |  |  |  |  |  |  |
| I can recognise and use fractions of numbers (unit and non-unit) with small denominators. |  | 15 |  |  |  |  |  |  |
| I can compare and order unit fractions. <br> I can order non unit fractions with the same denominator. |  | 16 |  |  |  |  |  |  |
| I can recognise and show, using diagrams, equivalent fractions with small denominators. |  | 17 |  |  |  |  |  |  |
| I can add and subtract fractions with the same denominator (within a whole). |  | 18 |  |  |  |  |  |  |
| I can count up and down in tenths; know that they are from dividing an object into 10 equal parts and can be made by dividing a one digit number by 10. |  | 19 |  |  |  |  |  |  |
| Measurement |  |  |  |  |  |  |  |  |
| I can measure, compare and add and subtract: length/height ( $\mathrm{mm} / \mathrm{cm} / \mathrm{m}$ ); mass ( $\mathrm{g} / \mathrm{kg}$ ); temperature $\left({ }^{\circ} \mathrm{C}\right.$ ); capacity ( $\mathrm{ml} / \mathrm{litres}$ ) |  | 20 |  |  |  |  |  |  |
| I can measure the perimeter of 2D shapes. |  | 21 |  |  |  |  |  |  |
| I can add and subtract (to give change) pounds ( $£$ ) and pence (p) in a practical context. |  | 22 |  |  |  |  |  |  |
| I can tell the and write the time (from analogue, digital 12 and 24 hour clocks and those with Roman numerals I to XII) |  | 23 |  |  |  |  |  |  |
| I can read and estimate time with increasing accuracy to the nearest minute and can compare and record times by seconds, minutes and hours. I can use the words: o'clock, a.m./p.m., morning, afternoon, noon and midnight. |  | 24 |  |  |  |  |  |  |
| I know the number of seconds in a minute. <br> I know the number of days in each month, a year and in a leap year. |  | 25 |  |  |  |  |  |  |
| I can compare the duration of events (e.g. calculating the time taken by different events). |  | 26 |  |  |  |  |  |  |

## Geometry: Properties of shapes; position and direction

I can draw 2D shapes and make 3D shapes using modelling materials. I can recognise 3D shapes in different orientations and describe them
I can recognise angles as part of as turn and as a property of a shape.
I can identify right angles, recognise that two make a half turn, three make a three quarter turn and that four make a complete turn.
I can identify whether angles are greater or less than a right angle.
I can identify horizontal and vertical lines.
I can identify pairs of parallel and perpendicular lines.

## Statistics

I can understand and present data using bar charts, pictograms and tables.
I can answer one step and two step questions using information from scaled bar charts, pictograms and tables (e.g. How many more/fewer children like chocolate?)

| Entering <br> $0-16$ | Developing <br> $17-25$ | Secure <br> $26-32$ |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total |  |  |  |  |  |  |  |  |  |

