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| http://pix.iemoji.com/images/emoji/apple/8.3/256/direct-hit.png  **Maths Progress Tracker**  **Year 5 Targets 2018-2019**  **Number** | http://emojipedia.org/wp-content/uploads/2013/07/4-smiling-face-with-smiling-eyes.png  **Seen** | http://pix.iemoji.com/images/emoji/apple/8.3/256/smiling-face-with-open-mouth-and-smiling-eyes.png  **Secure** |
| **Master EYEs (5N6, 5C4, 5C8a,b,c, 5F10, 5F11, 5F12, 5M9a,b,c,d):**   1. **I can use my knowledge of maths to solve problems by selecting an appropriate method and working systematically and accurately in all areas of maths.** |  |  |
| 1. **I can solve contextual problems and give answers that make sense.** |  |  |
| 1. **I can use and apply my maths skills to help me in other areas of the curriculum. (5C4)** |  |  |
| 1. I can count forwards and backward with positive and negative numbers through zero. **(5N5, 5N1)** |  |  |
| 1. I can compare and order numbers with 3 decimal places**. (5F8)** |  |  |
| 1. I can identify multiples and factors of a number including finding all factor pairs and using the language of prime numbers. **(5C5a)** |  |  |
| 1. I can use known tables to derive other number facts. **(5C6a)** |  |  |
| 1. I can recognise place value of any digit up to 1000000. **(5N2, 5N3a)** |  |  |
| 1. I can round any number up to 1000000 to the nearest 10, 100, 1000, 10000 or 100000. **(5C3, 5N4)** |  |  |
| 1. I can round decimals with 2 decimal places to the nearest whole number and 1 decimal place. **(5F7)** |  |  |
| 1. I can add and subtract numbers mentally with increasingly large numbers**. (5C1)** |  |  |
| 1. I can add and subtract numbers with more than 4-digits using an efficient written method. **(5C2)** |  |  |
| 1. I can multiply 4-digit numbers by 1-digit and 2-digit numbers using formal written methods. **(5C7a)** |  |  |
| 1. I can divide 4-digit numbers by 1-digit using formal written methods. **(5C7b)** |  |  |
| 1. I can multiply and divide whole numbers and decimals by 10, 100 and 1000. **(5C6b)** |  |  |
| 1. I can recognise and use thousandths, relating them to tenths, hundredths and decimals. **(5F6b)** |  |  |
| 1. I can multiply proper fractions by whole numbers. **(5F5)** |  |  |
| 1. I can convert mixed number fractions to improper fractions and vice versa. **(5F2a)** |  |  |
| 1. I can compare and order fractions whose denominators are all multiples of the same number. **(5F3)** |  |  |
| 1. I can add and subtract fractions whose denominators are all multiples of the same number. **(5F4)** |  |  |
| 1. I can recognise % and understand that per cent relates to ‘number of parts per hundred’**. (5F11)** |  |  |

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| 1. I can add and subtract numbers with up to 2 decimal places in the context of measures and money. **(5M9a,b,c,d)** |  |  |
| 23. I can solve time problems using timetables and converting  between different units of time. **(5M4)** |  |  |
| 24. I can convert between units of metric measure (e.g. km & m, cm &  m, cm & mm, g & kg, l & ml). **(5M5)** |  |  |
| 25. I can measure and calculate the perimeter of composite rectilinear  shapes in cm and m and use this to calculate missing lengths. **(5G2a,**  **5M7a)** |  |  |
| 26. I can calculate and compare the area of rectangles using  standard units e.g. cm2 and m2. **(5M7b)** |  |  |
| 27. I can estimate and compare acute and obtuse angles and order  pictures of angles according to size. **(5G4a)** |  |  |
| 28. I can identify:  a) angles at a point and one whole turn (total 360°)  b) angles at a point on a straight line and half a turn (180°)  c) other multiples of 90° **(5G4b)** |  |  |
| 29. I can complete, read and interpret information in tables. **(5S1)** |  |  |
| 30. I can solve problems using information presented in line  Graphs. **(5S2)** |  |  |

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| **Key:** | **(5N4), (5P2) etc**. – linked to KS2 test framework |