# Key Instant Recall Facts at MGPS (KIRFs)



By the end of each half term, children should know the following facts. The aim is for them to recall these facts instantly.

| | Nursery | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|---|
| Aut 1 | Recognise and recite the number names to 5.<br>Touch count to 3. | Name numbers in order to 10 and compare 2 numbers by saying which is more or less. | Recite the number names in order to 50 and beyond. | Recite the number names in order to 100.<br>I know number bonds up to 10.<br>I know number bonds up to 20. | I know number bonds for all numbers up to 20.<br>Count in 50s and 100s. | I know number bonds to 100.<br>Count in 25s and 1000s. | I know the multiplication and division facts for **all** times tables up to 12 × 12. | I know the multiplication and division facts for **all** times tables up to 12 × 12. |
| Aut 2 | Recite the number names in order to 5.<br>Touch count to 5. | Recognise quantities, without counting, up to 5. (Subitise) | I can add 0 or 1 to a number.<br>I can add 2 to a number. | I know doubles and halves of numbers to 20.<br>I know near doubles to 10.<br>I can use bridging and compensation for addition to 10+10. | Count in 3s.<br>I know the multiplication and division facts for the 3 times table. (up to 12x3) | Count in 6s.<br>I know the multiplication and division facts for the 6 times table. (up to 12x6) | I can find factor pairs of a number. | I can identify common factors of a pair of numbers. |
| Spr 1 | Use the language: before, after, next. | I can say 1 more than a given number up to 10. | I know number bonds to 10.<br>I know odd and even numbers to 20. | Count in 2s.<br>I know the multiplication and division facts for the 2 times table. (up to 12x2) | Count in 4s.<br>I know the multiplication and division facts for the 4 times table. (up to 12x4) | Count in 9s and 11s.<br>I know the multiplication and division facts for the 9 and 11 times tables. (up to 12x9 and 12x11) | I can identify prime numbers up to 20.<br>I can recall square numbers up to 144 and their square roots. | I can identify prime numbers up to 50.<br>Know the square roots of square numbers to 15 x 15 |
| Spr 2 | Sort objects and say which group is more/less.<br><br>Name simple shapes. | Partition numbers to 5 into 2 groups. | Count in 2s to 20.<br>Count in 10s to 100.<br>Count in 5s to 50. | Count in 5s and 10s.<br>I know the multiplication and division facts for the 10 and 5 times table. (up to 12x10 and 12x5) | Count in 8s.<br>I know the multiplication and division facts for the 8 times table. (up to 12x8) | Count in 7s and 12s.<br>I know the multiplication and division facts for the 7 and 12 times table. (up to 12x7 and 12x12) | Know the decimal and percentage equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{3}, \frac{2}{3},$ tenths and fifths | Know the decimal and percentage equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{3}, \frac{2}{3},$ tenths and fifths |
| Sum 1 | Recite number names to 10. | Recite number names in order to 20.<br><br>Automatically recall doubles facts up to 5+5. | I can add 10 to a number. | Count in 3s to 36. | Count up and down in tenths.<br>I can recognise decimal equivalents of tenths. | I can recognise decimal equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4},$ tenths and hundredths. | I know decimal number bonds to 1 and 10. | Revisit previous KIRFS |
| Sum 2 | Recite number names in order to 10. | Recall number bonds of numbers 0-10, including partitioning facts.<br><br>Know some odd and even numbers to 10. | I know doubles and halves of numbers to 10.<br>I know near doubles to 5. | To begin to know the 3 times tables. (up to 10x3) | I can multiply and divide 1 digit numbers by 10. | I can multiply and divide 1 and 2-digit numbers by 10 and 100. | Revisit previous KIRFS from all of KS2. | Revisit previous KIRFS |