Key Instant Recall Facts at Sytchampton Endowed Primary School (KIRFs)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reception | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 |
| Aut1 | Name numbers in order to 10 and compare 2 numbers by saying which is more or less. | I can recite the number names in order to 50 and beyond. | I can recite and form numbers to 100.  | I know number bonds for all numbers up to 20. To count in 50s and 100s | I know number bonds to 100. To count in 25s | 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. |
| Aut2 | Recognise quantities, without counting, up to 5. (Subitise) | I know number bonds to 10.  | I know number bonds to 20.  | I know the multiplication and division facts for the 3 times table. (Up to 12x3) | 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. |
| Sp1 | I can say 1 more than a given number up to 10. | I know doubles and halves of numbers to 10. | I know doubles and halves of numbers to 20. | I can count in 4s. I know the multiplication and division facts for the 4 times table. (Up to 12x4) | I can count in 9s and 11s. 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 and recall square numbers up to 144 and their square roots. | I can identify prime numbers up to 50 and know the square roots of square numbers to 15 x 15. |
| Sp2 | I can partition numbers to 5 into 2 groups. | I can count in 2s to 20. I can count in 10s to 100. I can count in 5s to 50. | I know the multiplication and division facts for the 2- 10- and 5-times tables. (Up to 12x) | I can count in 8s. I know the multiplication and division facts for the 8 times table. (Up to 12x8) | I can count in 7s and 12s. I know the multiplication and division facts for the 7- and 12-times table. (Up to 12x7 and 12x12) | I know the decimal and percentage equivalents of the fractions ½ ¼ ¾ 1/3 2/3, tenths and fifths. | I know the decimal and percentage equivalents of the fractions ½ ¼ ¾ 1/3 2/3, tenths and fifths. |
| Su1 | I know some odd and even numbers to 10. | I can add 10 to a number.Tell the time to the nearest hour. | I can count in 3s to 36. | I can count up and down in tenths and recognise their decimal equivalents. | I can recognise decimal equivalents of the fractions ½, ¼, ¾, tenths and hundredths. | I know decimal number bonds to 1 and 10. | Revisit and consolidate previous KIRFS |
| Su2 | I can recite number names in order to 20.  | I know odd and even numbers to 20. | I can tell the time to the nearest five minutes. | 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 and consolidate previous KIRFS | Revisit and consolidate previous KIRFS |

By the end of each half term, children should know the following facts. The aim is for them to recall these facts instantly. This should remove some of the cognitive workload children face and support their mental agility with maths as well as enabling them to know and remember more.