|  | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| **Autumn A** | Say the number names in order forward and back to 5.<br><br>Subitise to 5 | Know 1 more and 1 less of numbers up to 20. Count to and across100 forwards and backwards from any number | Know number bonds to 10 and 20.<br><br>Know all addition and subtraction facts for multiples of 10 to 100. | Know number bonds for each number up to 20. | Know number bonds (compliments) of 100.<br><br>Mentally calculate near doubles. | Consolidate multiplication and division facts for all times tables. | Identify the common factors of a pair of numbers.<br><br>Know prime numbers within 100. |
| **Autumn B** | Say the number names in order forward and back to 10.<br><br>Know the days of the week in order | Know number bonds of all numbers to 6.<br><br>Know number bonds of all numbers to 10. | Know multiplication and division facts for the 10 x table.<br><br>Mentally say 10 more and less than a number. | Know multiplication and division facts for the 4 x table. | Know multiplication and division facts for the 7 x table<br><br>Know multiplication and division facts for the 12 x table | Find factor pairs of a number<br><br>Know prime numbers within 100.<br><br>Recall all square numbers up to 12 and their related square roots. | Know all previous number bonds including decimals<br><br>Know doubles and halves of 1 digit decimals.<br><br>Know the addition and subtraction facts for two place decimal complements of 1 |
| **Spring A** | Partition numbers to 5 into 2 groups.<br><br>Find one more and one less than numbers up to 10. | Know doubles to 10 and halves of even numbers to 10. | Know multiplication and division facts for the 2 x table.<br><br>Recognise odd and even numbers up to 100. | Know multiplication and division facts for the 8 x table. | Count in multiples of 1000 and 25. | Know simple equivalent fractions.<br><br>Know the decimal equivalents of the fractions ½, ¼, ¾, tenths and fifths | Find a percentage of an amount by using knowledge of finding 1, 10 and 50 %<br><br>Convert between fractions, decimals and percentages. |
| **Spring B** | Partition numbers to 10 into 2 groups. | Add and subtract numbers up to a total of 20.<br><br>Recognise odd and even numbers up to 20. | Know multiplication and division facts for the 5 x table. | Know multiplication and division facts for the 3 and 6 x table.<br><br>Count in 50s and 100s. | Mentally add and subtract 9/19/29 etc. to two digit numbers through compensating. Add and subtract 11/21/31 etc. to two digit numbers through compensating. | Know all decimals that total 1 or 10 (1 decimal place) | Find a fraction of an amount. |
| **Summer A** | Use physical objects to add and subtract single digits. | Count in steps of 2, 5 and 10 forwards. | Know doubles and halves of numbers to 20. | Know all number bonds using multiples of 5, first to 50 then 100.<br><br>Know doubles and halves of all multiples of 10 to 100 | Multiply and divide a single digit by 10 and 100.<br><br>Know the number of days in each month | Know the decimal number bonds to 1 and 10. | Recall metric conversions<br><br>Know angles on a straight line and around a point.<br><br>Name parts of a circle |
| **Summer B** | Know doubles of numbers up to double 5 and use objects to find halves of numbers up to half of 10. | Count in steps of 2, 5 and 10 backwards. Know the months of the year and the seasons in order. | Know the number of minutes in a hour and hours in a day. | Mentally add a 3 digit number and ones. Mentally add a 3 digit number and tens.<br><br>Know the number of weeks in a year and days in a year and leap year. | Recognise simple equivalent fractions. | Recall metric conversions | Re-cap of any above. |