



The following shows the key number facts to be learnt.

| Topic            | Addition   | Subtraction   | Multiplication  | Division.   |
|------------------|--|---|---|---|
| <b>Reception</b> | <ul style="list-style-type: none"> <li>Number bonds to 10</li> </ul>   | <ul style="list-style-type: none"> <li>Subtraction number bonds within 10<br/>e.g. <math>10 - 2 = 8</math></li> </ul>   | <ul style="list-style-type: none"> <li>Doubles up to 10</li> </ul>  | <ul style="list-style-type: none"> <li>Awareness of halving</li> </ul>  |
| <b>Year 1</b>    | <ul style="list-style-type: none"> <li>Number bonds within 20</li> </ul>   | <ul style="list-style-type: none"> <li>Subtraction number bonds within 20</li> </ul>  | <ul style="list-style-type: none"> <li>Doubles to 20</li> </ul>   | <ul style="list-style-type: none"> <li>Halves to 20</li> </ul>  |
| <b>Year 2</b>    | <ul style="list-style-type: none"> <li>Number bonds within 20</li> <li>Related facts to 100</li> </ul>   | <ul style="list-style-type: none"> <li>Subtraction bonds with 20</li> <li>Related facts to 100</li> <li>E.g. <math>10 - 2 = 8</math> so <math>100 - 20 = 80</math></li> </ul>   | <ul style="list-style-type: none"> <li>Doubles to 50</li> <li>Times tables: 2, 5 and 10 up to X 12</li> </ul>   | <ul style="list-style-type: none"> <li>Halves to 50</li> <li>Division facts for X2, X 5 and X10</li> </ul>  |
| <b>Year 3</b>    | <ul style="list-style-type: none"> <li>Multiples of 5 and 10 to 100 e.g. <math>35 + 65 = 100</math></li> <li>Quickly recall addition facts within 20</li> </ul>  | <ul style="list-style-type: none"> <li>Multiples of 5 and 10 to 100 e.g. <math>100 - 35 = 65</math></li> <li>Quickly recall subtraction facts within 20</li> </ul>  | <ul style="list-style-type: none"> <li>Doubles to 100</li> <li>Times tables: 2, 3, 4, 5, 8,10 up X12</li> </ul>   | <ul style="list-style-type: none"> <li>Halves to 100</li> <li>Division facts: X2, X3, X4, X 5, X8,X10 up X12</li> </ul>                                   |
| <b>Year 4</b>    | <ul style="list-style-type: none"> <li>Quickly recall addition bonds to 100</li> <li>Recall addition bonds to 1000 e.g. <math>250 + 750 = 1000</math></li> </ul>   | <ul style="list-style-type: none"> <li>Quickly recall subtraction facts within 100</li> <li>Recall subtractions within 1000 e.g. <math>1000 - 250 = 750</math></li> </ul>   | <ul style="list-style-type: none"> <li>Doubles to 100</li> <li>All times tables up X12</li> <li>Recall square numbers to 50</li> </ul>                  | <ul style="list-style-type: none"> <li>Halves to 100</li> <li>All division facts for all times tables up X12</li> </ul>                                   |
| <b>Year 5</b>    | <ul style="list-style-type: none"> <li>Quickly recall addition bonds to 100</li> <li>Recall addition bonds to 1000</li> <li>Recall addition bonds for 1 decimal place e.g. <math>0.1 + 0.9 = 1</math></li> </ul> | <ul style="list-style-type: none"> <li>Quickly recall subtraction facts within 100</li> <li>Recall subtractions within 1000</li> <li>Recall subtraction bonds for 1 decimal place <math>1 - 0.8 = 0.2</math></li> </ul> | <ul style="list-style-type: none"> <li>All times tables up X12</li> <li>Recall square numbers to 100</li> <li>Recall cubed numbers up to 100</li> </ul> | All division facts for all times tables up X12  |
| <b>Year 6</b>    | <ul style="list-style-type: none"> <li>Recall addition bonds for 1 decimal place e.g. <math>0.1 + 0.9 = 1</math></li> <li>Recall addition bonds for 2 decimal places e.g. <math>0.01 + 0.9 = 1</math></li> </ul> | <ul style="list-style-type: none"> <li>Recall subtraction bonds for 1 decimal place <math>1 - 0.8 = 0.2</math></li> <li>Recall subtraction bonds for 2 decimal places <math>0.1 - 0.08 = 0.02</math></li> </ul>         | <ul style="list-style-type: none"> <li>All times tables up X12</li> <li>Recall square numbers to 100</li> <li>Recall cubed numbers up to 100</li> </ul> | <ul style="list-style-type: none"> <li>All division facts for all times tables up X12</li> <li>Recall square roots</li> <li>Recall cubed roots</li> </ul> |