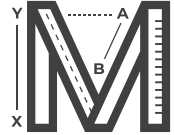
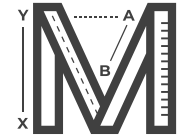


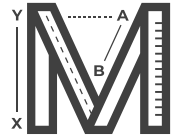
| AUTUMN 1   | AUTUMN 2 | SPRING 1            | SPRING 2 | SUMMER 1                | SUMMER 2 | AREs                            |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|--|----------|---------------------|----------|-------------------------|----------|---------------------------------|--------|----------------|--------|-----------------------|--------|---------------|--------|---------------------|--------|--|--------|--|--------|--|---------|--|---------|--|---------|--|--|------------|--------|-------------------|--------|-----------------|--------|-------------------------|--------|-------------------|--------|--------------------|--------|--|--------|--|--------|--|--------|--|---------|--|---------|--|---------|---|--|------------------|--------|---------------|--------|-----------------------------------|--------|----------------------|--------|--------------------------|--------|------------------|--------|---------------|--------|--|--------|--|--------|--|---------|--|---------|--|---------|--|
| <p><b>Big Question Autumn 1:</b><br/>Who am I and who is in my family?</p> <p><b>Big Question Autumn 2:</b><br/>Is it always dark at night time? .</p> <table border="1" data-bbox="179 542 593 1093"> <tr><td>GETTING TO KNOW YOU</td><td>1 WEEK</td></tr> <tr><td>MATCH, SORT AND COMPARE</td><td>2 WEEK</td></tr> <tr><td>TALK ABOUT MEASURE AND PATTERNS</td><td>3 WEEK</td></tr> <tr><td>IT'S ME 1 2 3!</td><td>4 WEEK</td></tr> <tr><td>CIRCLES AND TRIANGLES</td><td>5 WEEK</td></tr> <tr><td>1, 2, 3, 4, 5</td><td>6 WEEK</td></tr> <tr><td>SHAPES WITH 4 SIDES</td><td>7 WEEK</td></tr> <tr><td></td><td>8 WEEK</td></tr> <tr><td></td><td>9 WEEK</td></tr> <tr><td></td><td>10 WEEK</td></tr> <tr><td></td><td>11 WEEK</td></tr> <tr><td></td><td>12 WEEK</td></tr> </table> |          | GETTING TO KNOW YOU | 1 WEEK   | MATCH, SORT AND COMPARE | 2 WEEK   | TALK ABOUT MEASURE AND PATTERNS | 3 WEEK | IT'S ME 1 2 3! | 4 WEEK | CIRCLES AND TRIANGLES | 5 WEEK | 1, 2, 3, 4, 5 | 6 WEEK | SHAPES WITH 4 SIDES | 7 WEEK |  | 8 WEEK |  | 9 WEEK |  | 10 WEEK |  | 11 WEEK |  | 12 WEEK | <p><b>Big Question Spring 1:</b><br/>How will I know my way around?</p> <p><b>Big Question Spring 2:</b><br/>How do things grow from seeds?</p> <table border="1" data-bbox="772 542 1176 1093"> <tr><td>ALIVE IN 5</td><td>1 WEEK</td></tr> <tr><td>MASS AND CAPACITY</td><td>2 WEEK</td></tr> <tr><td>GROWING 6, 7, 8</td><td>3 WEEK</td></tr> <tr><td>LENGTH, HEIGHT AND TIME</td><td>4 WEEK</td></tr> <tr><td>BUILDING 9 AND 10</td><td>5 WEEK</td></tr> <tr><td>EXPLORE 3-D SHAPES</td><td>6 WEEK</td></tr> <tr><td></td><td>7 WEEK</td></tr> <tr><td></td><td>8 WEEK</td></tr> <tr><td></td><td>9 WEEK</td></tr> <tr><td></td><td>10 WEEK</td></tr> <tr><td></td><td>11 WEEK</td></tr> <tr><td></td><td>12 WEEK</td></tr> </table> |  | ALIVE IN 5 | 1 WEEK | MASS AND CAPACITY | 2 WEEK | GROWING 6, 7, 8 | 3 WEEK | LENGTH, HEIGHT AND TIME | 4 WEEK | BUILDING 9 AND 10 | 5 WEEK | EXPLORE 3-D SHAPES | 6 WEEK |  | 7 WEEK |  | 8 WEEK |  | 9 WEEK |  | 10 WEEK |  | 11 WEEK |  | 12 WEEK | <p><b>Big Question Summer 1:</b><br/>Who are the people that help us?</p> <p><b>Big Question Summer 2:</b><br/>Can I huff and puff and blow your house down?</p> <table border="1" data-bbox="1355 542 1758 1093"> <tr><td>TO 20 AND BEYOND</td><td>1 WEEK</td></tr> <tr><td>HOW MANY NOW?</td><td>2 WEEK</td></tr> <tr><td>MANIPULATE, COMPOSE AND DECOMPOSE</td><td>3 WEEK</td></tr> <tr><td>SHARING AND GROUPING</td><td>4 WEEK</td></tr> <tr><td>VISUALISE, BUILD AND MAP</td><td>5 WEEK</td></tr> <tr><td>MAKE CONNECTIONS</td><td>6 WEEK</td></tr> <tr><td>CONSOLIDATION</td><td>7 WEEK</td></tr> <tr><td></td><td>8 WEEK</td></tr> <tr><td></td><td>9 WEEK</td></tr> <tr><td></td><td>10 WEEK</td></tr> <tr><td></td><td>11 WEEK</td></tr> <tr><td></td><td>12 WEEK</td></tr> </table> |  | TO 20 AND BEYOND | 1 WEEK | HOW MANY NOW? | 2 WEEK | MANIPULATE, COMPOSE AND DECOMPOSE | 3 WEEK | SHARING AND GROUPING | 4 WEEK | VISUALISE, BUILD AND MAP | 5 WEEK | MAKE CONNECTIONS | 6 WEEK | CONSOLIDATION | 7 WEEK |  | 8 WEEK |  | 9 WEEK |  | 10 WEEK |  | 11 WEEK |  | 12 WEEK | <p><b>By the end of Reception children should be able to:</b></p> <ul style="list-style-type: none"> <li>• Have a deep understanding of numbers to 10, including the composition of each number.</li> <li>• Subitise (recognise quantities without counting) up to 5.</li> <li>• Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.</li> <li>• Verbally count beyond 20, recognising the pattern of the counting system.</li> <li>• Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.</li> <li>• Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</li> </ul> |
| GETTING TO KNOW YOU  | 1 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| MATCH, SORT AND COMPARE  | 2 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| TALK ABOUT MEASURE AND PATTERNS  | 3 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| IT'S ME 1 2 3!   | 4 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| CIRCLES AND TRIANGLES  | 5 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| 1, 2, 3, 4, 5  | 6 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| SHAPES WITH 4 SIDES  | 7 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 8 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 9 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 10 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 11 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 12 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| ALIVE IN 5   | 1 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| MASS AND CAPACITY  | 2 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| GROWING 6, 7, 8  | 3 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| LENGTH, HEIGHT AND TIME  | 4 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| BUILDING 9 AND 10  | 5 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| EXPLORE 3-D SHAPES   | 6 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 7 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 8 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 9 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 10 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 11 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 12 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| TO 20 AND BEYOND   | 1 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| HOW MANY NOW?  | 2 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| MANIPULATE, COMPOSE AND DECOMPOSE  | 3 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| SHARING AND GROUPING   | 4 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| VISUALISE, BUILD AND MAP   | 5 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| MAKE CONNECTIONS   | 6 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
| CONSOLIDATION  | 7 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 8 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 9 WEEK   |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 10 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 11 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |
|  | 12 WEEK  |                     |          |                         |          |                                 |        |                |        |                       |        |               |        |                     |        |  |        |  |        |  |         |  |         |  |         |  |  |            |        |                   |        |                 |        |                         |        |                   |        |                    |        |  |        |  |        |  |        |  |         |  |         |  |         |   |  |                  |        |               |        |                                   |        |                      |        |                          |        |                  |        |               |        |  |        |  |        |  |         |  |         |  |         |  |



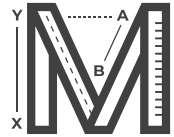
| AUTUMN 1  | AUTUMN 2   | SPRING 1   | SPRING 2   | SUMMER 1   | SUMMER 2   | AREs   |
|---|--|--|--|--|--|--|
| <p><b>Big Question:</b><br/>What do I know about the UK and where I live?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value within 10</p> <ul style="list-style-type: none"> <li>Sort and count objects</li> <li>Count objects from a larger group</li> <li>Represent objects</li> <li>Recognise number as words</li> <li>Count on from any number</li> <li>1 more</li> <li>Count backwards within 10</li> <li>1 less</li> <li>Compare groups by matching</li> <li>Fewer, more, same</li> <li>Less than, greater than, equal to</li> <li>Compare numbers</li> <li>Order objects and numbers</li> <li>The number line</li> </ul> | <p><b>Big Question:</b><br/>Why are some places in the world always hot and others always cold?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Addition and Subtraction (within 10)</p> <ul style="list-style-type: none"> <li>Introduce parts and wholes</li> <li>Part-whole model</li> <li>Whole number sentences</li> <li>Fact families - addition facts</li> <li>Number bonds within 10</li> <li>Number bonds to 10</li> <li>Addition - add together</li> <li>Addition - add more</li> <li>Addition problems</li> <li>Find a part</li> <li>Subtraction - find a part</li> <li>Fact families - the eight facts</li> <li>Subtraction - take away/cross out (how many left)</li> <li>Subtraction - take away (how many left)</li> <li>Subtraction on a number line</li> <li>Add and subtract 1 or 2</li> </ul> <p>Shape</p> <ul style="list-style-type: none"> <li>Recognise and name 3D shapes</li> <li>Sort 3D shapes</li> <li>Recognise and name 2D shapes</li> <li>Sort 2D shapes</li> <li>Patterns with 2D and 3D shapes</li> </ul> | <p><b>Big Question:</b><br/>Who were and are the famous people of Leeds?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value within 20</p> <ul style="list-style-type: none"> <li>Count within 20</li> <li>Understand 10</li> <li>Understand 11, 12 and 13</li> <li>Understand 14, 15 and 16</li> <li>Understand 17, 18 and 19</li> <li>Understand 20</li> <li>1 more and 1 less</li> <li>The number line to 20</li> <li>Use a number line to 20</li> <li>Estimate on a number line to 20</li> <li>Compare numbers to 20</li> <li>Order numbers to 20</li> </ul> <p>Addition and Subtraction (within 20)</p> <ul style="list-style-type: none"> <li>Add by counting on within 20</li> <li>Add ones using number bonds</li> <li>Find and make number bonds to 20</li> <li>Doubles</li> <li>Near doubles</li> <li>Subtract ones using number bonds</li> <li>Subtraction - Counting back</li> <li>Subtraction - finding the difference</li> <li>Related facts</li> <li>Missing number problems</li> </ul> | <p><b>Big Question:</b><br/>What do we recycle?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value within 50</p> <ul style="list-style-type: none"> <li>Count from 20 to 50</li> <li>20, 30, 40 and 50</li> <li>Count by making groups of tens</li> <li>Groups of tens and ones</li> <li>Partition into tens and ones</li> <li>The number line to 50</li> <li>Estimate on a number line to 50</li> <li>1 more, 1 less</li> <li>Length and Height</li> <li>Compare lengths and heights</li> <li>Measure length using objects</li> <li>Measure lengths in centimetres</li> </ul> <p>Mass and Volume</p> <ul style="list-style-type: none"> <li>Heavier and lighter</li> <li>Measure mass</li> <li>Compare mass</li> <li>Full and empty</li> <li>Compare volume</li> <li>Measure capacity</li> <li>Compare capacity</li> </ul> | <p><b>Big Question:</b><br/>What was my grandparents' childhood like?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Multiplication and Division</p> <ul style="list-style-type: none"> <li>Make equal groups</li> <li>Add equal groups</li> <li>Make arrays</li> <li>Make doubles</li> <li>Make equal groups 0 grouping</li> <li>Make equal groups - sharing</li> </ul> <p>Fractions</p> <ul style="list-style-type: none"> <li>Find a half</li> <li>Find a half of a quantity</li> <li>Make a quarter</li> <li>Find a quarter</li> <li>Position and Direction</li> <li>Describe turns</li> <li>Describe position</li> </ul> | <p><b>Big Question:</b><br/>Why do we have castles?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value within 100</p> <ul style="list-style-type: none"> <li>Counting to 100</li> <li>Counting forwards and backwards within 100</li> <li>Introducing 100 square</li> <li>Partitioning numbers</li> <li>Comparing numbers</li> <li>Ordering numbers</li> <li>One more, one less</li> </ul> <p>Money</p> <ul style="list-style-type: none"> <li>Recognising coins</li> <li>Recognising notes</li> <li>Counting in coins</li> <li>Time</li> <li>Before and after</li> <li>Dates</li> <li>Time to the hour</li> <li>Time to the half hour</li> <li>Writing time</li> <li>Comparing time</li> </ul> | <p><b>By the end of Year 1 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Count to and across 100, forwards and backwards from any number</li> <li>Read and write numbers to 20 in numerals and words.</li> <li>Read and write numbers to 100 in numerals.</li> <li>Say 1 more/1 less to 100</li> <li>Count in multiples of 1, 2, 5 and 10</li> <li>Use bonds and subtraction facts to 20.</li> <li>Add and subtract:<br/>1/ digit and 2-digit numbers to 20, including zero.<br/>2/ Solve one-step multiplication and division using objects, pictorial representations and arrays.</li> <li>Recognise half and quarter of object, shape or quantity.</li> <li>Recognise and name 2D shapes: circle, triangle, square and rectangle</li> <li>Recognise and name 3D shapes: cuboid, pyramid, sphere.</li> <li>Sequence events in chronological order.</li> <li>Use language of day, week, month and year.</li> <li>Tell time to hour and half past.</li> <li>Recognise all coins.</li> </ul> |



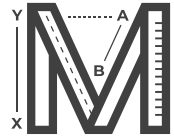
| AUTUMN 1   | AUTUMN 2  | SPRING 1   | SPRING 2   | SUMMER 1  | SUMMER 2  | AREs  |
|--|---|--|--|---|---|---|
| <p><b>Big Question:</b><br/>Who are the famous people that have made an impact worldwide?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Place Value</p> <ul style="list-style-type: none"> <li>Numbers to 20</li> <li>Count objects to 100 by making 10s</li> <li>Recognise tens and ones</li> <li>Use a place value chart</li> <li>Partition numbers to 100</li> <li>Write numbers to 100 in words</li> <li>Flexibly partition numbers to 100</li> <li>Write numbers to 100 in expanded form</li> <li>10s on the number line to 100</li> <li>10s and 1s on the number line to 100</li> <li>Estimate numbers on a number line</li> <li>Compare objects</li> <li>Compare numbers</li> <li>Order objects and numbers</li> <li>Count in 2s, 5s and 10s</li> <li>Count in 3s</li> </ul> | <p><b>Big Question:</b><br/>Why did the Titanic sink?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Bonds to 10</li> <li>Fact families – addition and subtraction bonds within 20</li> <li>Related facts</li> <li>Bonds to 100 (tens)</li> <li>Add and subtract 1s</li> <li>Add by making 10</li> <li>Add three 1-digit numbers</li> <li>Add to the next 10</li> <li>Add across a 10</li> <li>Subtract across 10</li> <li>Subtract from a 10</li> <li>Subtract a 1-digit number from a 2-digit number (across a 10)</li> <li>10 more, 10 less</li> <li>Add and subtract 10s</li> <li>Add two 2-digit numbers (across a 10)</li> <li>Subtract two 2-digit numbers (not across a 10)</li> <li>Subtract two 2-digit numbers (across a 10)</li> <li>Mixed addition and subtraction</li> <li>Compare number sentences</li> <li>Missing number problems</li> </ul> <p>Shape</p> <ul style="list-style-type: none"> <li>Recognise 2D and 3D shapes</li> <li>Count sides on 2D shapes</li> <li>Count vertices on 2D shapes</li> <li>Draw 2D shapes</li> <li>Lines of symmetry on shapes</li> <li>Use lines of symmetry to complete shapes</li> <li>Sort 2D shapes</li> <li>Count faces on 3D shapes</li> <li>Count edges on 3D shapes</li> <li>Count vertices on 3D shapes</li> <li>Sort 3D shapes</li> <li>Make patterns with 2D and 3D shapes</li> </ul> | <p><b>Big Question:</b><br/>How can we compare city and village life on different continents?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Money</p> <ul style="list-style-type: none"> <li>Count money – pence</li> <li>Count money – pounds (notes and coins)</li> <li>Count money – pounds and pence</li> <li>Choose notes and coins</li> <li>Make the same amount</li> <li>Compare amounts of money</li> <li>Calculate with money</li> <li>Make a pound</li> <li>Find change</li> <li>Two-step problems</li> </ul> <p>Multiplication and Division</p> <ul style="list-style-type: none"> <li>Recognise equal groups</li> <li>Make equal groups</li> <li>Add equal groups</li> <li>Introduce the multiplication symbol</li> <li>Multiplication sentences</li> <li>Use arrays</li> <li>Make equal groups – groupings</li> <li>Make equal groups – sharing</li> <li>The 2 times-tables</li> <li>Divide by 2</li> <li>Doubling and halving</li> <li>Odd and even numbers</li> <li>The 10 times-table</li> <li>Divide by 10</li> <li>The 5 times-table</li> <li>Divide by 5</li> <li>The 5 and 10 times tables</li> </ul> | <p><b>Big Question:</b><br/>What goes on at an airport or a train station?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Length and Height</p> <ul style="list-style-type: none"> <li>Measure in centimetres</li> <li>Measure in metres</li> <li>Compare lengths and heights</li> <li>Order lengths and heights</li> <li>Four operations with lengths and heights</li> </ul> <p>Mass, Capacity and Temperature</p> <ul style="list-style-type: none"> <li>Compare mass</li> <li>Measure in grams</li> <li>Measure in kilograms</li> <li>Four operations with mass</li> <li>Compare volume and capacity</li> <li>Measure in millilitres</li> <li>Measure in litres</li> <li>Four operations with volume and capacity</li> <li>Temperature</li> </ul> | <p><b>Big Question:</b><br/>How did the Victorians influence our lives today?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Fractions</p> <ul style="list-style-type: none"> <li>Make equal parts</li> <li>Recognise a half</li> <li>Find a half</li> <li>Recognise a quarter</li> <li>Find a quarter</li> <li>Recognise a third</li> <li>Find a third</li> <li>Unit fractions</li> <li>Non-unit fractions</li> <li>Evidence of a half and 2 quarters</li> <li>Find three quarters</li> <li>Count in fractions</li> </ul> <p>Time</p> <ul style="list-style-type: none"> <li>O'clock and half past</li> <li>Quarter past and quarter to</li> <li>Telling time to 5 minutes</li> <li>Hours and days</li> <li>Find duration of time</li> <li>Complete durations of time</li> </ul> | <p><b>Big Question:</b><br/>Why do we love to be beside the seaside?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Statistics</p> <ul style="list-style-type: none"> <li>Make tally charts</li> <li>Draw pictograms (1-1)</li> <li>Draw pictograms (2.5 and 10)</li> <li>Block diagrams</li> </ul> <p>Position and Direction</p> <ul style="list-style-type: none"> <li>Describing movement</li> <li>Describing turns</li> <li>Describing movement and turns</li> <li>Making patterns with shapes</li> </ul> | <p><b>By the end of Year 2 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Compare and order numbers up to 100 and use <math>&lt;</math> <math>&gt;</math> <math>=</math>.</li> <li>Read and write all numbers to 100 in digits and words.</li> <li>Say 10 more/less than any number to 100.</li> <li>Count in steps of 2, 3 and 5 from any number up to 100 and in 10s from any number (forward/backward).</li> <li>Recall and use multiplication and division facts for 2, 5 and 10 tables</li> <li>Derive and use related facts to 100.</li> <li>Recognise PV of any 2-digit number.</li> <li>Add and subtract:<br/>2-digit nos and ones<br/>2-digit nos and tens<br/>Two 2-digit nos<br/>Three 1-digit nos</li> <li>Calculate and write multiplication and division calculations using multiplication tables.</li> <li>Write and recognise and use inverse.</li> <li>Recognise, find, name and write <math>1/3</math>; <math>1/4</math>; <math>2/4</math>; <math>3/4</math>.</li> <li>Recognise equivalence of simple fractions.</li> <li>Describe the properties of 2D and 3D shapes to include edges, vertices and faces.</li> <li>Tell time to five minutes, including quarter past/to.</li> <li>Recognise and use the symbols £ and p when solving</li> <li>problems involving addition and subtraction of money.</li> <li>I can choose and use appropriate standard units to estimate length, height, temperature and capacity</li> <li>Interpret and construct pictograms, tally charts, block diagram and simple tables.</li> </ul> |



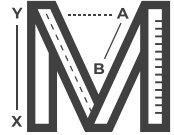
| AUTUMN 1   | AUTUMN 2  | SPRING 1  | SPRING 2  | SUMMER 1   | SUMMER 2   | AREs   |
|--|---|---|---|--|--|--|
| <p><b>Big Question:</b><br/>How have our homes changed over time?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Place Value</p> <ul style="list-style-type: none"> <li>Represent numbers to 100</li> <li>Partition numbers to 100</li> <li>Number line to 100</li> <li>Hundreds</li> <li>Represent numbers to 1000</li> <li>Partition numbers to 1000</li> <li>Flexible partitioning of numbers to 1000</li> <li>Hundreds, tens and ones</li> <li>Find 1, 10 or 100 more or less</li> <li>Number line to 1000</li> <li>Estimate on a number line to 1000</li> <li>Compare numbers to 1000</li> <li>Order numbers to 1000</li> </ul> | <p><b>Big Question:</b><br/>How did Britain change between the beginning of the Stone Age and the end of the Iron Age?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Apply number bonds within 10</li> <li>Add and subtract 1s</li> <li>Add and subtract 10s</li> <li>Add and subtract 100s</li> <li>Spot the pattern</li> <li>Add 1s across a 10</li> <li>Add 10s across a 100</li> <li>Subtract 1s across a 10</li> <li>Subtract 10s across a 100</li> <li>Make connections</li> <li>Add two numbers (no exchange)</li> <li>Subtract two numbers (no exchange)</li> <li>Add two numbers (across a 10)</li> <li>Subtract two numbers (across a 10)</li> <li>Subtract two numbers (across a 100)</li> <li>Add 2-digit and 3-digit numbers</li> <li>Subtract 2-digit numbers from a 3-digit number</li> <li>Complements to 100</li> <li>Estimate answers</li> <li>Inverse operations</li> <li>Make decisions</li> </ul> <p>Multiplication and Division A</p> <ul style="list-style-type: none"> <li>Multiplication - equal groups</li> <li>Use arrays</li> <li>Multiples of 2</li> <li>Multiples of 5 and 10</li> <li>Sharing and grouping</li> <li>Multiply by 3</li> <li>Divide by 3</li> <li>The 3 times-table</li> <li>Multiply by 4</li> <li>Divide by 4</li> <li>The 4 times-table</li> <li>Multiply by 8</li> <li>Divide by 8</li> <li>The 8 times-table</li> <li>The 2, 4 and 8 times-tables</li> </ul> | <p><b>Big Question:</b><br/>How do we energise our homes and country?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Multiplication and Division B</p> <ul style="list-style-type: none"> <li>Multiples of 10</li> <li>Related calculations</li> <li>Reasoning and multiplication</li> <li>Multiply a 2-digit number by a 1-digit number - no exchange</li> <li>Multiply a 2-digit number by a 1-digit number - with exchange</li> <li>Link multiplication and division</li> <li>Divide a 2-digit number by a 1-digit number - no exchange</li> <li>Divide a 2-digit number by a 1-digit - flexible partitioning</li> <li>Divide a 2-digit number by a 1-digit number - with remainders</li> <li>Scaling</li> <li>How many ways?</li> </ul> <p>Length and Perimeter</p> <ul style="list-style-type: none"> <li>Measure in metres and centimetres</li> <li>Measure in millimetres</li> <li>Measure in centimetres and millimetres</li> <li>Metres, centimetres and millimetres</li> <li>Equivalent lengths (metres and centimetres)</li> <li>Equivalent lengths (centimetres and millimetres)</li> <li>Compare lengths</li> <li>Add lengths</li> <li>Subtract lengths</li> <li>What is perimeter?</li> <li>Measure perimeter</li> <li>Calculate perimeter</li> </ul> | <p><b>Big Question:</b><br/>What did the Ancient Greeks bring to the world?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Fractions A</p> <ul style="list-style-type: none"> <li>Understand the denominators of unit fractions</li> <li>Compare and order unit fractions</li> <li>Understand the numerators of non-unit fractions</li> <li>Understand the whole</li> <li>Compare and order non-unit fractions</li> <li>Fractions and scales</li> <li>Fractions on a number line</li> <li>Count in fractions on a number line</li> <li>Equivalent fractions on a number line</li> <li>Equivalent fractions as bar models</li> </ul> <p>Mass and Capacity</p> <ul style="list-style-type: none"> <li>Use scales</li> <li>Measure mass in grams</li> <li>Measure mass in kilograms and grams</li> <li>Equivalent masses (kilograms and grams)</li> <li>Compare mass</li> <li>Add and subtract mass</li> <li>Measure capacity and volume in millilitres</li> <li>Measure capacity and volume in litres and millilitres</li> <li>Equivalent capacities and volumes (litres and millilitres)</li> <li>Compare capacity and volume</li> <li>Add and subtract capacity and volume</li> </ul> | <p><b>Big Question:</b><br/>How are rivers formed?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Fractions B</p> <ul style="list-style-type: none"> <li>Making the whole</li> <li>Tenths</li> <li>Tenths as decimals</li> <li>Fractions on a number line</li> <li>Fractions of a set of objects</li> <li>Equivalent fractions</li> <li>Compare fractions</li> <li>Order fractions</li> <li>Add fractions</li> <li>Subtract fractions</li> </ul> <p>Money</p> <ul style="list-style-type: none"> <li>Pounds and pence</li> <li>Convert pounds and pence</li> <li>Add money</li> <li>Subtract money</li> <li>Give change</li> </ul> <p>Time</p> <ul style="list-style-type: none"> <li>Months and years</li> <li>Hours in a day</li> <li>Telling the time to 5 minutes</li> <li>Telling the time to the minute</li> <li>Using a.m. and p.m.</li> <li>24 hour clock</li> <li>Finding the duration</li> <li>Comparing durations</li> <li>Start and end times</li> <li>Measuring time in seconds</li> <li>Problem solving with time</li> </ul> | <p><b>Big Question:</b><br/>What are the unique features of the UK?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b></p> <p>Shape</p> <ul style="list-style-type: none"> <li>Turns and angles</li> <li>Right angles in shapes</li> <li>Compare angles</li> <li>Draw accurately</li> <li>Horizontal and vertical</li> <li>Parallel and perpendicular</li> <li>Recognise and describe 2D shapes</li> <li>Recognise and describe 3D shapes</li> <li>Make 3D shapes</li> </ul> <p>Statistics</p> <ul style="list-style-type: none"> <li>Pictograms</li> <li>Bar charts</li> <li>Tables</li> </ul> | <p><b>By the end of Year 3 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Compare and order numbers up to 1,000.</li> <li>Read and write all numbers to 1,000 in digits and words.</li> <li>Find 10 or 100 more/less than a given number</li> <li>Count from 0 in multiples of 4, 8, 50 and 100.</li> <li>Recall and use multiplication and division facts for 3, 4, 8 tables.</li> <li>Recognise PV of any 3-digit number.</li> <li>Add and subtract: 3-digit nos and ones</li> <li>3-digit nos and tens</li> <li>3-digit nos and hundreds</li> <li>Add and subtract: Numbers with up to 3-digits using written columnar method.</li> <li>Estimate and use inverse to check.</li> <li>Multiply: 2-digit by 1-digit</li> <li>Count up/down in tenths.</li> <li>Compare and order fractions with same denominator.</li> <li>+/- fractions with same denominator within one whole.</li> <li>Identify right angles and compare other angles as greater or smaller than a right angle.</li> <li>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</li> <li>Tell time using 12- and 24-hour clocks; and using Roman numerals.</li> <li>Tell time to nearest minute.</li> <li>Know number of days in each month and number of seconds in a minute.</li> <li>Measure, compare, add and subtract using common metric measures.</li> <li>Solve one and two step problems using information presented in scaled bar charts, pictograms and tables</li> </ul> |



| AUTUMN 1  | AUTUMN 2   | SPRING 1  | SPRING 2  | SUMMER 1   | SUMMER 2  | AREs   |
|---|--|---|---|--|---|--|
| <p><b>Big Question:</b><br/>How did Leeds grow into one of the UK's leading cities?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value</p> <ul style="list-style-type: none"> <li>Represent numbers to 1000</li> <li>Partition numbers to 1000</li> <li>Number lines to 1000</li> <li>Thousands</li> <li>Represent numbers to 10,000</li> <li>Partition numbers to 10,000</li> <li>Flexible partitioning of numbers to 10,000</li> <li>Find 1, 10, 100, 1000 more or less</li> <li>Number line to 10,000</li> <li>Estimate on a number line to 10,000</li> <li>Compare numbers to 10,000</li> <li>Order numbers to 10,000</li> <li>Roman numerals</li> <li>Round to the nearest 10</li> <li>Round to the nearest 100</li> <li>Round to the nearest 1000</li> <li>Round to the nearest 10, 100 or 1000</li> </ul> | <p><b>Big Question:</b><br/>Where would you choose to build a city?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s and 1000s</li> <li>Add up to two 4-digit numbers – no exchange</li> <li>Add two 4-digit numbers – one exchange</li> <li>Add two 4-digit numbers – more than one exchange</li> <li>Subtract two 4-digit numbers – no exchange</li> <li>Subtract two 4-digit numbers – one exchange</li> <li>Efficient subtraction</li> <li>Estimate answers</li> <li>Checking strategies</li> </ul> <p>Area</p> <ul style="list-style-type: none"> <li>What is area?</li> <li>Count squares</li> <li>Make shapes</li> <li>Compare areas</li> </ul> <p>Multiplication and Division A</p> <ul style="list-style-type: none"> <li>Multiplies of 3</li> <li>Multiply and divide by 6</li> <li>6 times-table and division facts</li> <li>Multiply and divide by 9</li> <li>9 times-table and division facts</li> <li>The 3, 6 and 9 times-tables</li> <li>Multiply and divide by 7</li> <li>7 times-table and division facts</li> <li>11 times-table and division facts</li> <li>12 times-table and division facts</li> <li>Multiply by 1 and 0</li> <li>Divide a number by 1 and itself</li> <li>Multiply three numbers</li> </ul> | <p><b>Big Question:</b><br/>How are mountains formed and what causes earthquakes, tsunamis and volcanoes?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Multiplication and Division B</p> <ul style="list-style-type: none"> <li>Factor pairs</li> <li>Use factor pairs</li> <li>Multiply by 10</li> <li>Multiply by 100</li> <li>Divide by 10</li> <li>Divide by 100</li> <li>Related facts – multiplication and division</li> <li>Informal written methods for multiplication</li> <li>Multiply a 2-digit number by a 1-digit number</li> <li>Multiply a 3-digit number by a 1-digit number</li> <li>Divide a 2-digit number by a 1-digit number</li> <li>Divide a 3-digit number by a 1-digit number</li> <li>Correspondence problems</li> <li>Efficient multiplication</li> </ul> <p>Length and Perimeter</p> <ul style="list-style-type: none"> <li>Measure in kilometres and metres</li> <li>Equivalent lengths (kilometres and metres)</li> <li>Perimeter on a grid</li> <li>Perimeter of a rectangle</li> <li>Perimeter of rectilinear shapes</li> <li>Find missing lengths in rectilinear shapes</li> <li>Calculate the perimeter of rectilinear shapes</li> <li>Perimeter of regular polygons</li> <li>Perimeter of polygons</li> </ul> | <p><b>Big Question:</b><br/>How did Britain change between the end of the Iron Age and the end of the Roman occupation?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Fractions</p> <ul style="list-style-type: none"> <li>Understand the whole</li> <li>Count beyond 1</li> <li>Partition a mixed number</li> <li>Number lines with mixed numbers</li> <li>Compare and order mixed numbers</li> <li>Understand improper fractions</li> <li>Convert mixed numbers to improper fractions</li> <li>Convert improper fractions to mixed numbers</li> <li>Equivalent fractions on a number line</li> <li>Equivalent fraction families</li> <li>Add two or more fractions</li> <li>Add fractions and mixed numbers</li> <li>Subtract two fractions</li> <li>Subtract from whole amounts</li> <li>Subtract from mixed numbers</li> </ul> <p>Decimals A</p> <ul style="list-style-type: none"> <li>Tenths as fractions</li> <li>Tenths ad decimals</li> <li>Tenths on a place value chart</li> <li>Tenths on a number line</li> <li>Divide a 1-digit number by 10</li> <li>Divide a 2-digit number by 10</li> <li>Hundredths as fractions</li> <li>Hundredths as decimals</li> <li>Hundredths on a place value chart</li> <li>Divide a 1- or 2- digit number by 100</li> </ul> | <p><b>Big Question:</b><br/>Why was Ancient Egypt's civilisation ahead of its time?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Decimals B</p> <ul style="list-style-type: none"> <li>Make a whole</li> <li>Write decimals</li> <li>Compare decimals</li> <li>Order decimals</li> <li>Round decimals</li> <li>Halves and quarters</li> </ul> <p>Money</p> <ul style="list-style-type: none"> <li>Pounds and pence</li> <li>Ordering money</li> <li>Estimating money</li> <li>Four operations</li> </ul> <p>Time</p> <ul style="list-style-type: none"> <li>Hours, minutes and seconds</li> <li>Years, months, weeks and days</li> <li>Analogue to digital – 12 hours</li> <li>Analogue to digital – 24 hour</li> </ul> | <p><b>Big Question:</b><br/>What are biomes and how are they created?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Shape</p> <ul style="list-style-type: none"> <li>Identify angles</li> <li>Compare and order angles</li> <li>Triangles</li> <li>Quadrilaterals</li> <li>Lines of symmetry</li> <li>Complete a symmetric figure</li> </ul> <p>Statistics</p> <ul style="list-style-type: none"> <li>Interpret charts</li> <li>Comparison, sum and difference</li> <li>Line graphs</li> </ul> <p>Position and Direction</p> <ul style="list-style-type: none"> <li>Describe position</li> <li>Draw on a grid</li> <li>Move on a grid</li> <li>Describe movement on a grid</li> </ul> | <p><b>By the end of Year 4 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Count backwards through zero to include negative numbers.</li> <li>Compare and order numbers beyond 1,000.</li> <li>Compare and order numbers with up to 2 decimal places.</li> <li>Read Roman numerals to 100.</li> <li>Find 1,000 more/less than a given number.</li> <li>Count in multiples of 6, 7, 9, 25 and 1000.</li> <li>Recall and use multiplication and division facts all tables to 12x12.</li> <li>Recognise PV of any 4-digit number.</li> <li>Round any number to the nearest 10, 100 or 1000.</li> <li>Round decimals with 1dp to nearest whole number.</li> <li>Add and subtract: Numbers with up to 4-digits using written columnar method.</li> <li>Numbers with up to 1dp.</li> <li>Estimate and use inverse to check</li> <li>Multiply: 2-digit by 1-digit 3-digit by 1-digit</li> <li>Count up/down in hundredths.</li> <li>Recognise and write equivalent fractions</li> <li>+/- fractions with same denominator.</li> <li>Compare and classify geometrical shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> <li>Know that angles are measured in degrees and can identify acute and obtuse angles.</li> <li>Compare and order angles up to two right angles by size.</li> <li>Measure and calculate the perimeter of a rectilinear figure in cm and m.</li> <li>Read, write and convert time between analogue and digital 12- and 24-hour clocks.</li> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul> |



| AUTUMN 1  | AUTUMN 2  | SPRING 1   | SPRING 2   | SUMMER 1   | SUMMER 2   | AREs   |
|---|---|--|--|--|--|--|
| <p><b>Big Question:</b><br/>How did Britain change between the end of the Roman occupation of Britain and 1066?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Place Value</p> <ul style="list-style-type: none"> <li>Roman numerals to 1000</li> <li>Numbers to 10,000</li> <li>Numbers to 100,000</li> <li>Numbers to 1,000,000</li> <li>Read and write numbers to 1,000,000</li> <li>Powers of 10</li> <li>10/100/1000/10,000/1000,000 more or less</li> <li>Partition numbers to 1,000,000</li> <li>Number line to 1,000,000</li> <li>Compare and order numbers to 100,000</li> <li>Compare and order numbers to 1,000,000</li> <li>Round to the nearest 10, 100 or 1000</li> <li>Round within 100,000</li> <li>Round within 1,000,000</li> </ul> <p>Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Mental strategies</li> <li>Add whole numbers with more than four-digits</li> <li>Subtract whole numbers with more than four digits</li> <li>Subtract whole numbers with more than four digits</li> <li>Round to check answers</li> <li>Inverse operations (addition and subtraction)</li> <li>Multi-step addition and subtraction problems</li> <li>Compare calculations</li> <li>Find missing numbers</li> </ul> | <p><b>Big Question:</b><br/>Why should gunpowder, treason and plot never be forgotten?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Multiplication and Division A</p> <ul style="list-style-type: none"> <li>Multiples</li> <li>Common multiples</li> <li>Factors</li> <li>Common factors</li> <li>Prime numbers</li> <li>Square numbers</li> <li>Cube numbers</li> <li>Multiply by 10, 100 and 1000</li> <li>Divide by 10, 100 and 1000</li> <li>Multiples of 10, 100 and 1000</li> <li>Fractions A</li> <li>Find fractions equivalent to a unit fraction</li> <li>Find fractions equivalent to a non-unit fraction</li> <li>Recognise equivalent fractions</li> <li>Convert improper fractions to mixed numbers</li> <li>Convert mixed numbers to improper fractions</li> <li>Compare fractions less than 1</li> <li>Order fractions less than 1</li> <li>Compare and order fractions greater than 1</li> <li>Add and subtract fractions with the same denominator</li> <li>Add fractions within 1</li> <li>Add fractions with total greater than 1</li> <li>Add to a mixed number</li> <li>Add two mixed numbers</li> <li>Subtract fractions</li> <li>Subtract from a mixed number</li> <li>Subtract from a mixed number - breaking the whole</li> <li>Subtract to mixed numbers</li> </ul> | <p><b>Big Question:</b><br/>What creates a rainforest and why are they located where they are?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Multiplication and Division A</p> <ul style="list-style-type: none"> <li>Multiply up to a 4-digit number by a 1-digit number</li> <li>Multiply a 2-digit number by a 20digit number (area model)</li> <li>Multiply a 2-digit number by a 2-digit number</li> <li>Multiply a 3-digit number by a 2-digit number</li> <li>Multiply a 4-digit number by a 2-digit number</li> <li>Solve problems with multiplication</li> <li>Short division</li> <li>Divide a 4-digit number by a 1-digit number</li> <li>Divide with remainders</li> <li>Efficient division</li> <li>Solve problems with multiplication and division</li> </ul> <p>Fraction B</p> <ul style="list-style-type: none"> <li>Multiply a unit fraction by an integer</li> <li>Multiply a non-unit fraction by an integer</li> <li>Multiply a mixed number by an integer</li> <li>Calculate a fraction of a quantity</li> <li>Fraction of an amount</li> <li>Find the whole</li> <li>Use fractions as operators</li> </ul> | <p><b>Big Question:</b><br/>What are the main features of South America?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Decimals and Percentages</p> <ul style="list-style-type: none"> <li>Decimals up to 2 decimal places</li> <li>Equivalent fractions and decimals (tenths)</li> <li>Equivalent fractions and decimals (hundredths)</li> <li>Equivalent fractions and decimals</li> <li>Thousandths as fractions</li> <li>Thousandths as decimals</li> <li>Thousandths on a place value chart</li> <li>Order and compare decimals (same number of decimal places)</li> <li>Order and compare any decimals with up to 3 decimal places</li> <li>Round to the nearest whole number</li> <li>Round to 1 decimal place</li> <li>Understand percentages</li> <li>Percentages as fractions</li> <li>Percentages as decimals</li> <li>Equivalent fractions, decimals and percentages</li> </ul> <p>Perimeter and Area</p> <ul style="list-style-type: none"> <li>Perimeter of rectangles</li> <li>Perimeter of rectilinear shapes</li> <li>Perimeter of polygons</li> <li>Area of rectangles</li> <li>Area of compound shapes</li> <li>Estimate area</li> </ul> <p>Statistics</p> <ul style="list-style-type: none"> <li>Draw line graphs</li> <li>Read and interpret line graphs</li> <li>Read and interpret tables</li> <li>Two-way tables</li> <li>Read and interpret timetables</li> </ul> | <p><b>Big Question:</b><br/>Who were the Maya and what have we learnt from them?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Shape</p> <ul style="list-style-type: none"> <li>Measuring angles in degrees</li> <li>Measuring with a protractor</li> <li>Drawing lines and angles accurately</li> <li>Calculating angles on a straight line</li> <li>Calculating angles around a point</li> <li>Calculating lengths and angles in shapes</li> <li>Regular and irregular polygons</li> <li>Reasoning about 3D shapes</li> </ul> <p>Position and Direction</p> <ul style="list-style-type: none"> <li>Position in the first quadrant</li> <li>Translation</li> <li>Translation with coordinates</li> <li>Reflection</li> <li>Reflection with coordinates</li> </ul> <p>Decimals</p> <ul style="list-style-type: none"> <li>Adding decimals within 1</li> <li>Subtracting decimals within 1</li> <li>Complements to 1</li> <li>Adding decimals - crossing the whole</li> <li>Adding decimals with the same number of decimal places</li> <li>Subtracting decimals with the same number of decimal places</li> <li>Adding and subtracting decimals with the same number of decimals</li> <li>Adding and subtracting decimals with a different number of decimal places</li> <li>Adding and subtracting wholes and decimals</li> <li>Decimal sequences</li> <li>Multiplying decimals by 10, 100 and 1000</li> <li>Dividing decimals by 10, 100 and 1000</li> </ul> | <p><b>Big Question:</b><br/>What is Fairtrade and why should it matter to us?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Converting Units</p> <ul style="list-style-type: none"> <li>Kilograms and kilometres</li> <li>Millimetres and millilitres</li> <li>Metric units</li> <li>Imperial units</li> <li>Converting units of time</li> <li>Timetables</li> </ul> <p>Volume</p> <ul style="list-style-type: none"> <li>What is volume?</li> <li>Compare volume</li> <li>Estimate volume</li> <li>Estimate capacity</li> </ul> | <p><b>By the end of Year 5 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Count forwards &amp; backward with positive &amp; negative numbers through zero.</li> <li>Count forwards/backwards in steps of powers of 10 for any given number up to 1,000,000.</li> <li>Compare &amp; order numbers up to 1,000,000.</li> <li>Compare &amp; order numbers with 3 decimal places.</li> <li>Read Roman numerals to 1,000.</li> <li>Identify all multiples &amp; factors, including finding all factor pairs.</li> <li>Recall prime numbers up to 19.</li> <li>Recognise &amp; use square numbers &amp; cube numbers.</li> <li>Recognise PV of any number up to 1,000,000.</li> <li>Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 or 100000.</li> <li>Round decimals with 2dp to nearest whole number &amp; 1dp.</li> <li>Add &amp; subtract:<br/>Numbers with more than 4-digits using formal written method.</li> <li>Numbers with up to 2dp.</li> <li>Use rounding to check answers.</li> <li>Multiply:<br/>4-digits by 1-digit/ 2-digit</li> <li>Divide:<br/>Up to 4-digits by 1-digit</li> <li>Multiply &amp; divide:<br/>Whole numbers &amp; decimals by 10, 100 &amp; 1000</li> <li>Recognise &amp; use thousandths.</li> <li>Recognise mixed numbers &amp; improper fractions &amp; convert from one to another.</li> <li>Multiply proper fractions &amp; mixed numbers by whole numbers.</li> <li>Identify and write equivalent fractions.</li> <li>Know that angles are measured in degrees.</li> <li>Estimate and compare acute, obtuse and reflex angles.</li> <li>Draw given angles and measure them in degrees.</li> <li>Measure and calculate the perimeter of composite rectilinear shapes in cm and m.</li> <li>Solve time problems using timetables and converting between different units of time.</li> <li>Calculate and compare the areas of squares and rectangles including using standards units (cm<sup>2</sup> and m<sup>2</sup>).</li> <li>Convert between different units of metric measures and estimate volume and capacity.</li> <li>Solve comparison, sum and difference problems using information presented in a line graph.</li> </ul> |



| AUTUMN 1   | AUTUMN 2  | SPRING 1   | SPRING 2   | SUMMER 1   | SUMMER 2  | AREs  |
|--|---|--|--|--|---|---|
| <p><b>Big Question:</b><br/>When and why was the British Empire created?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Number to 1,000,000</li> <li>Numbers to 10,000,000</li> <li>Read and write number to 10,000.000</li> <li>Powers of 10</li> <li>Number line to 10,000,000</li> <li>Compare and order any integers</li> <li>Round any integer</li> <li>Negative numbers</li> </ul> <p>Addition, subtraction, multiplication and division</p> <ul style="list-style-type: none"> <li>Add and subtract integers</li> <li>Common factors</li> <li>Common multiples</li> <li>Rules of divisibility</li> <li>Primes to 100</li> <li>Square and cube numbers</li> <li>Multiply up to a 4-digit number by a 2-digit number</li> <li>Solve problems with multiplication</li> <li>Short division</li> <li>Division using factors</li> <li>Introduction to long division</li> <li>Long division with remainders</li> <li>Solve problems with division</li> <li>Solve multi-step problems</li> <li>Order of operations</li> <li>Mental calculations and estimation</li> <li>Reason from known facts</li> </ul> | <p><b>Big Question:</b><br/>Why is climate change such an important topic?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Fractions A</p> <ul style="list-style-type: none"> <li>Equivalent fractions and simplifying</li> <li>Equivalent fractions on a number line</li> <li>Compare and order (denominator)</li> <li>Compare and order (numerator)</li> <li>Add and subtract simple fractions</li> <li>Add and subtract any two fractions</li> <li>Add mixed numbers</li> <li>Subtract mixed numbers</li> <li>Multi-step problems</li> </ul> <p>Fraction B</p> <ul style="list-style-type: none"> <li>Multiply fractions by integers</li> <li>Multiply fractions by fractions</li> <li>Divide a fraction by an integer</li> <li>Divide any fraction by an integer</li> <li>Mixed questions with fractions</li> <li>Fraction of an amount</li> <li>Fraction of an amount - find the whole</li> </ul> <p>Converting Unit</p> <ul style="list-style-type: none"> <li>Metric measures</li> <li>Convert metric measures</li> <li>Calculate with metric measures</li> <li>Miles and kilometres</li> <li>Imperial measures</li> </ul> | <p><b>Big Question:</b><br/>What was the impact of the war on Britain?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Ratio</p> <ul style="list-style-type: none"> <li>Apply or multiply?</li> <li>Use ratio language</li> <li>Introduction the ratio symbol</li> <li>Ratio and fractions</li> <li>Scale drawing</li> <li>Use scale factors</li> <li>Similar shapes</li> <li>Ratio problems</li> <li>Proportion problems</li> <li>Recipes</li> </ul> <p>Algebra</p> <ul style="list-style-type: none"> <li>1-step function machines</li> <li>2-step function machines</li> <li>Form expressions</li> <li>Substitution</li> <li>Formulae</li> <li>Form equations</li> <li>Solve 1-step equations</li> <li>Solve 2-step equations</li> <li>Find pairs of values</li> <li>Solve problems with two unknowns</li> </ul> <p>Decimals</p> <ul style="list-style-type: none"> <li>Place value within 1</li> <li>Place value - integers and decimals</li> <li>Round decimals</li> <li>Add and subtract decimals</li> <li>Multiply by 10, 00 and 1000</li> <li>Divide by 10, 100 and 1000</li> <li>Multiply decimals by integers</li> <li>Divide decimals by integers</li> <li>Multiply and divide decimals in context</li> </ul> | <p><b>Big Question:</b><br/>What are the main features of North America?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Fractions, decimals and percentages</p> <ul style="list-style-type: none"> <li>Decimal and fraction equivalents</li> <li>Fractions as division</li> <li>Understand percentages</li> <li>Fractions to percentages</li> <li>Equivalent fractions, decimals and percentages</li> <li>Order fractions, decimals and percentages</li> <li>Percentage of an amount - one step</li> <li>Percentage of an amount - multi-step</li> <li>Percentages - missing values</li> </ul> <p>Area, perimeter and volume</p> <ul style="list-style-type: none"> <li>Shapes - same area</li> <li>Area and perimeter</li> <li>Area of a triangle - counting squares</li> <li>Area of a right-angled triangle</li> <li>Area of any triangle</li> <li>Area of a parallelogram</li> <li>Volume - counting cubes</li> <li>Volume of a cuboid</li> </ul> <p>Statistics</p> <ul style="list-style-type: none"> <li>Line Graphs</li> <li>Dual bar charts</li> <li>Read and interpret pie charts</li> <li>Pie charts with percentages</li> <li>Draw pie charts</li> <li>The mean</li> </ul> | <p><b>Big Question:</b><br/>What has been the impact of immigration on Britain over the past 100 years?</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Shape</p> <ul style="list-style-type: none"> <li>Measure with a protractor</li> <li>Introduce angles</li> <li>Calculate angles</li> <li>Vertically opposite angles</li> <li>Angles in a triangle</li> <li>Angles in a triangle - special cases</li> <li>Angles in a triangle - missing angles</li> <li>Angles in special quadrilaterals</li> <li>Angles in regular polygons</li> <li>Draw shapes accurately</li> <li>Draw nets of 3D shapes</li> </ul> <p>Position and Direction</p> <ul style="list-style-type: none"> <li>The first quadrant</li> <li>Four quadrants</li> <li>Translations</li> <li>Reflections</li> </ul> | <p><b>Big Question:</b><br/>How do maps help us find our way around? (Year 6+ Programme)</p> <p><b>Overview of knowledge, understanding and skills (key concepts):</b><br/>Algebra</p> <ul style="list-style-type: none"> <li>Find a rule - one step</li> <li>Find a rule - two steps</li> <li>Forming expressions</li> <li>Substitution</li> <li>Formulae</li> <li>Forming equations</li> <li>Solve simple one-step equations</li> <li>Solve two-step equations</li> <li>Find pairs of values</li> </ul> | <p><b>By the end of Year 6 children should be able to:</b></p> <ul style="list-style-type: none"> <li>Use negative numbers in context &amp; calculate intervals across zero.</li> <li>Compare &amp; order numbers up to 10,000,000.</li> <li>Identify common factors, common multiples &amp; prime numbers.</li> <li>Round any whole number to a required degree of accuracy.</li> <li>Identify value of each digit to 3dp.</li> <li>Use knowledge of order of operations to carry out calculations involving 4 operations.</li> <li>Use estimation to check answers.</li> <li>Multiply: 4-digit by 2-digit</li> <li>Divide: 4-digit by 2-digit</li> <li>Add &amp; subtract fractions with different denominators &amp; mixed numbers.</li> <li>Multiply simple pairs of proper fractions, writing the answer in the simplest form.</li> <li>Divide proper fractions by whole numbers.</li> <li>Calculate % of whole number.</li> <li>Recall equivalences between FDP.</li> <li>Calculate the area of a parallelogram and triangles and calculate, estimate and compare volume of cubes and cuboids.</li> <li>Illustrate and name parts of circles, including radius, diameter and circumference and know that the radius is half the diameter.</li> <li>Recognise, describe and build simple 3D shapes, including making nets.</li> <li>Compare and classify geometric shapes and find unknown angles in any triangle, quadrilateral and regular polygons.</li> <li>Read, write and convert between standard units, converting measurements of length, mass, volume and time using decimal notation to 3 decimal places.</li> <li>Convert between miles and kilometers</li> <li>Interpret and construct pie charts and line graphs and use these to solve problems.</li> <li>Calculate and interpret the mean as an average.</li> <li>Solve problems involving the relative sizes of two quantities where the missing values can be found by using multiplication and division facts.</li> <li>Express missing number problems algebraically.</li> <li>Find pairs of numbers that satisfy number sentences involving two unknowns.</li> <li>Use simple formulae.</li> <li>Generate and describe linear number sequences.</li> <li>Express missing number problem algebraically.</li> <li>Find pairs of numbers that satisfy an equation with two unknowns.</li> <li>Enumerate possibilities of combinations of two variables.</li> </ul> |