|  | Maths Knowledge Organiser | Autumn 1 |
| :---: | :---: | :---: |
|  | By the end of this place value unit, we will be able to work with numbers within 10. |  |
| Key Vocabulary |  |  |
| Less | A smaller amount. |  |
| More | A larger amount. |  |
| Fewer than | A smaller amount. |  |
| Greater than | A larger amount. |  |
| Equal too | The same amount. |  |
| Representations |  |  |
| Step 1 - Sort objects | Step 2 - Count objects | Step 3 - Count objects from a larger group |
| $00^{\circ} \rightarrow 0$ | $\begin{array}{\|l\|l\|l\|l\|} \hline & & & \\ \hline & & & \\ \hline 1 & 2 & 3 & 4 \end{array}$ |  |
| Step 4 - Represent objects | Step 5 - recognise numbers as words | Step 6 - Count on from any number |
|  | $\left\lvert\, \begin{array}{ccccccccccc} 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 \\ 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 \end{array}\right.$ |  |
| Step 7-1 more | Step 8 - Count backwards within 10 | Step 9-1 less |
| $4>2$ |  | 1 less $0: 1$ |
| Step 10 - Compare groups matching | Step 11 - Fewer, more, some | Step 12 - Less than, greater than, equal to |
|  |  |  |
| Step 13 - Compare numbers | Step 14 - Order objects and numbers | Step 15 - The number line |
| $8>4$ |  |  |

## We will use these skills in real life when ...

we are counting objects, counting forwards and backwards and comparing amounts.

