

**In this unit, I will:**

- Use the part-whole model
- Show related number facts
- Use number bonds to 10
- Find number bonds to 10
- Compare number bonds within 10
- Find the whole number by adding together.

**How does this unit build on prior learning?**

Children began by sorting and grouping objects up to 10. They then counted to 10 and focused on 'one more' and 'one less' before they learnt how to use a number line how to count forwards and backwards.

**Before they start this unit, it is expected that children:**

- know how to sort and compare objects to 10
- understand how to count forwards and backwards within 10
- can order a set of numbers and use the vocabulary 'less than', 'more than' and 'equal to'.

|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



# Year 1 – Place Value

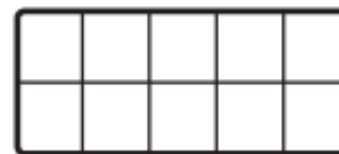
## Part-whole within 10

**National Curriculum Link – Year 1**

- Represent and use number bonds and related subtraction facts within 20.
- Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.
- Represent and use number bonds and related subtraction facts within 20.

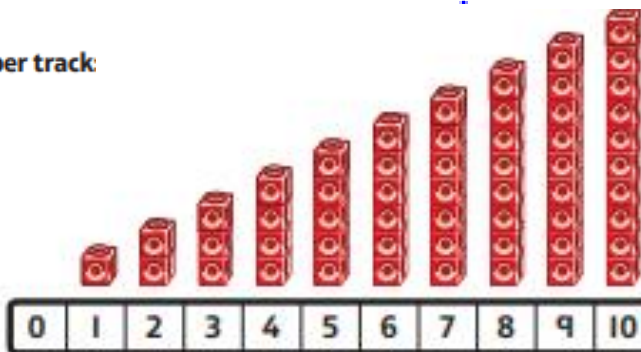
|                  |   |
|------------------|---|
| Ones             | 1s  |
| Tens             | 10s   |
| Place value      | the value of each digit in a number                 |
| Count            | to determine the total number of objects            |
| Greater than     | an amount that is more                              |
| Less than        | an amount is less                                   |
| One less         | a number that is larger than or bigger than another |
| One more         | a number that is smaller than or less than another  |
| Part-Whole Model | two or more parts that combine to make a whole      |

Five frame

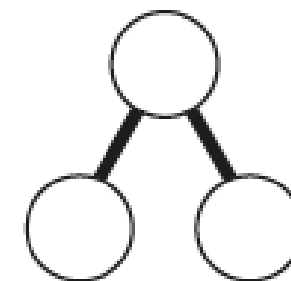
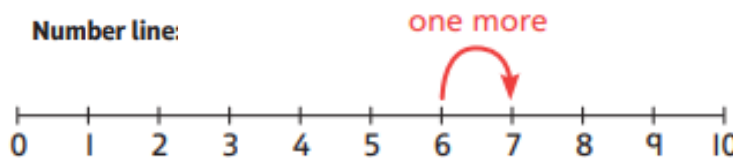


Ten frame:

Number track:



Number line:



Part-whole model: