## Subtraction

| Skill | Year | Representations and Models |
| :--- | :--- | :--- |
| Subtract single digit <br> numbers to develop <br> number bonds of numbers <br> to 5 and some number <br> bonds to 10. | Reception | Rekenrek, Fingers, Tens Frame(Within <br> 10) Numicon |


| Skill | Year | Representations and models |  |
| :---: | :---: | :---: | :---: |
| Subtract two 1-digit <br> numbers to 10 | 1 | Part-whole model <br> Bar model <br> Number shapes | Ten frames (within 10) <br> Bead strings (10) <br> Number tracks |
| Subtract 1 and 2-digit <br> numbers to 20 | 1 | Part-whole model <br> Bar model <br> Number shapes <br> Ten frames (within 20) | Bead string (20) <br> Number tracks |
| Subtract 1 and 2-digit <br> numbers to 100 | 2 | Part-whole model <br> Bar model <br> Number lines (labelled) | Straws |


| Skill | Year | Representations and models |  |
| :---: | :---: | :---: | :---: |
| Subtract with up to 3- <br> digits | 3 | Part-whole model <br> Bar model | Base 10 <br> Place value counters <br> Column subtraction |
| Subtract with up to 4- <br> digits | 4 | Part-whole model <br> Bar model | Base 10 <br> Place value counters <br> Column subtraction |
| Subtract with more than <br> 4 digits | 5 | Part-whole model <br> Bar model | Place value counters <br> Column subtraction |
| Subtract with up to 3 <br> decimal places | 5 | Part-whole model <br> Bar model | Place value counters |
| Column subtraction |  |  |  |




| Skill: Subtract 1 and 2-digit numbers to 20 | Year: 1/2 |
| :---: | :---: |
|  | When subtracting one-digit numbers that cross 10 , it is important to highlight the importance of ten ones equalling one ten. <br> Children should be encouraged to find the number bond to 10 when partitioning the subtracted number. Ten frames, number shapes and number lines are particularly useful for this. |




Skill: Subtract numbers with more than $\mathbf{4}$ digits


