

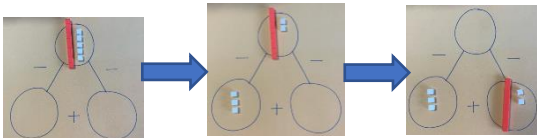

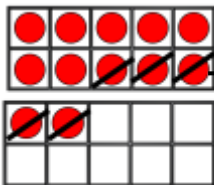


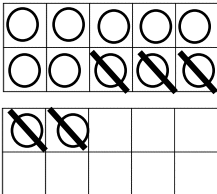
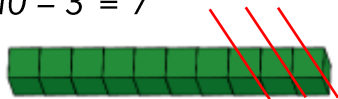


YEAR 1	Subtraction	
Vocabulary: Subtraction; subtract; minus; difference between; more than; greater than, fewer than; minus; less than; most; least, part, whole, number, numeral, equals, inverse.		
Concrete	Pictorial	Abstract
<p><u>Subtract numbers (reduction)</u></p> <p>Numicon:</p>  <p>Rekenrek:</p>  <p>Dienes:</p>  <p>$12 - 1 = 11$</p>  <p>→ Move one away to subtract 1.</p> <p>Ten frames</p> <p>$12 - 5 = 7$</p>  <p>→ Move objects away to subtract the known part.</p>	<p><u>Subtract numbers (reduction)</u></p> <p>As above plus:</p> <p>Dienes jottings:</p> <p>$8 - 3 = 5$</p>  <p>$15 - 3 = 12$</p>  <p>$12 - 5 = 7$</p> 	<p>Children record their mathematical knowledge and skills using pictorial representations, arrays, jottings and mathematical statements.</p> <p><u>Mental facts to 10 and 20.</u></p> <p><u>Using known facts and place value</u></p> <p>If $6 - 4 = 2$ Then $16 - 4 = 12$</p> <p><u>Counting back:</u></p> <p>Counting back in ones $16 - 5 = 11$ 16, 15, 14, 13, 12, 11</p> <p><u>Counting on:</u></p> <p>(see number line above) $15 - 11 = 4$ Hold 11 in your head and count on until 15. The difference is 4.</p> <p><u>Partitioning:</u> (Bridging through 10)</p> <p>$11 - 4$ $11 - 1 = 10$ $10 - 3 = 7$</p> <p><u>Missing Number/Inverse:</u></p> <p>$8 + \square = 19$ $\square + 12 = 20$</p>

Subtract numbers

Counting back:

$$10 - 3 = 7$$



Using cubes, objects and tens frames.

Rekenrek:



Numicon:



Counting on: (finding the difference)

Cubes: $10 - 6 =$

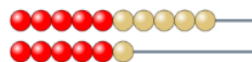


10



6

Rekenrek:



Subtract numbers

Counting back:

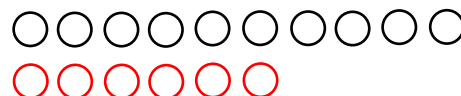
$$8 - 3 = 5$$



-1 -1 -1

Counting on: (finding the difference)

$$10 - 6 = 4$$



Counting back:

Counting back in ones:

$$8 - 3 = 5$$

8, 7, 6, 5

One and two less:

Of numbers up to 10.

$$8 - 1 = 7 \text{ (consecutive numbers)}$$

$$6 - 2 = 4 \text{ (Consecutive odd or even numbers)}$$

Counting on:

$$9 - 7 = 2$$

Hold 7 in your head and count on until 9. The difference is 2.

Number facts/fact families (to 10 and 20)

$$10 - 2 = 8 \quad 20 - 2 = 18$$

$$10 - 8 = 2 \quad 20 - 18 = 2$$

$$2 + 8 = 10 \quad 2 + 18 = 20$$

$$8 + 2 = 10 \quad 18 + 2 = 20$$