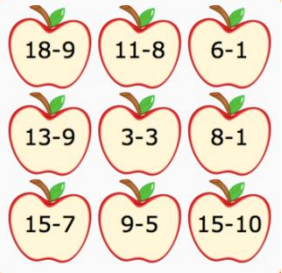


Progression in Calculations – Subtraction

Mental Calculations: *Children's mental recall is the building blocks of all number work. These are developed from foundation stage and continue throughout the school. Moves to written methods do not replace the need to teach and revisit mental strategies.*

<https://www.ncetm.org.uk/resources/40532>

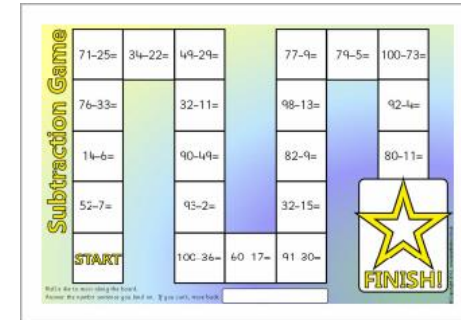
This link takes you to a set of videos explaining various methods of subtraction in our progression document.

Year Group	Expectations	Images and Links
1	<ul style="list-style-type: none">• Read, write and interpret the - and = signs• Use number bonds and related subtraction facts within 20• Subtract numbers to 20 including 0	 <p>http://www.mathplayground.com/index_addition_subtraction.html</p>

2

- Recall and use subtraction facts to 20
- Derive and use subtraction facts to 100
- Subtract a 1 digit number from a 2 digit number or a 2 digit number from a 2 digit number mentally or using concrete objects or pictorial representations
- Understand that subtraction is not commutative
- Understand that subtraction is the inverse of addition

[http://www.topmarks.co.uk/maths-games/7-11-years/addition-and-](http://www.topmarks.co.uk/maths-games/7-11-years/addition-and-subtraction)



[subtraction](#)

3

- Subtract 1, 2 and 3 digit numbers from a 3 digit number mentally
- Subtract numbers with up to 3 digits using a column method
- Use estimation and inverse to check answers

<https://vimeo.com/70096846>

<https://vimeo.com/70316060>

374 – 523 becomes

$$\begin{array}{r} 8 \quad 7 \quad 4 \\ - \quad 5 \quad 2 \quad 3 \\ \hline 3 \quad 5 \quad 1 \end{array}$$

Answer: 351

4

- Use a column method of subtraction for up to 4 digits

932 – 457 becomes

$$\begin{array}{r} 8 \quad 12 \quad 1 \\ \cancel{9} \quad \cancel{3} \quad 2 \\ - 4 \quad 5 \quad 7 \\ \hline 4 \quad 7 \quad 5 \end{array}$$

Answer: 475

5

- Use a column method of subtraction for up to 4 digits
- Use estimation, rounding and inverses to check answers

6	<ul style="list-style-type: none">• Use a column method of subtraction for up to 4 digits• Use estimation, rounding and inverses to check answers	
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Vocabulary for subtraction

Take

Take away

One less, two less,

Take from

Taken from

Inverse

Estimate

round

Decrease

decomposition