

# Neroche Primary School

## Subtraction Progression Poster



These methods have been agreed to reflect the Mathematics Programmes of Study, September 2013

### Key Vocabulary Related to Subtraction

#### Foundation Stage

Minus, subtract, less than, take away, left.

#### Key Stage One

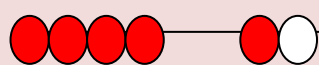
All of Foundation and  
Smaller, least, count back,  
difference between (count on).

#### Key Stage Two

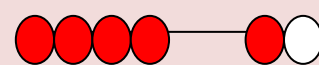
All of Foundation and KS1 and  
Subtraction, take away, negative, decrease.



The formal written methods we have chosen as a school are illustrated in the Maths Appendix One, September 2013 Curriculum



### Foundation Stage

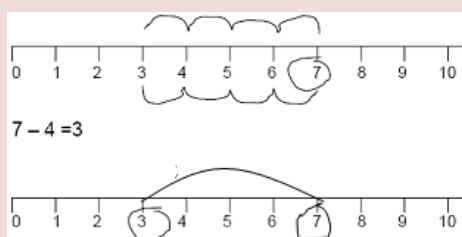


Bead strings or bead bars are used to illustrate subtraction by counting back a single digit subtract a single digit.

Number lines and practical resources support subtraction. Teachers demonstrate the use of the number line. They develop ways of recording subtraction using pictures and objects.

### End of Year One Expectation

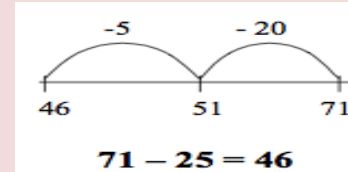
- Count back, first in ones (units), then using number facts. Two-digit take one-digit.
- Comparing quantities to find the difference.



Children's choice counting under or over the line.

### End of Year Two Expectation

- Counting back - tens then ones (units): two-digit subtract two-digit.
- Counting on to find the difference between 2 numbers that are close together.



### End of Year Three Expectation

- Subtract numbers with up to three digits, using the formal written methods of column subtraction

$$\begin{array}{r}
 754 - 136 = 618 \\
 \begin{array}{r}
 700 \quad 40 \\
 \quad 50 \quad 14 \\
 - 100 \quad 30 \quad 6 \\
 \hline
 600 \quad 10 \quad 8 = 618
 \end{array}
 \end{array}$$

### End of Year Four Expectation

- Subtract numbers with up to 4 digits using the formal written methods of column subtraction.

$$\begin{array}{r}
 3754 - 1836 = 1918 \\
 \begin{array}{r}
 2 \quad 4 \\
 3 \quad 17 \quad 5 \quad 14 \\
 - 1 \quad 8 \quad 3 \quad 6 \\
 \hline
 1 \quad 9 \quad 1 \quad 8
 \end{array}
 \end{array}$$

### End of Year Five Expectation

- Compact method of subtraction with numbers of more than four digits and with up to two decimal places.

$$\begin{array}{r}
 \phantom{0}8 \phantom{0}12 \phantom{0}1 \\
 639.35 \\
 - 214.46 \\
 \hline
 424.89
 \end{array}$$

### End of Year Six Expectation

- Children to use compact method of subtraction.
- Subtraction of decimals up three decimal places.

$$\begin{array}{r}
 \phantom{0}8 \phantom{0}12 \phantom{0}1 \\
 639.35 \\
 - 214.46 \\
 \hline
 424.89
 \end{array}$$