

# Curriculum for Excellence – First Consolidating by the end of P4 or earlier for some

## Curriculum Map for Numeracy

### P3

IHS Cluster Mental Maths Planner Adapted  
from 'Maths on Track' Tom Renwick

#### Aug-Dec of P3

- add and subtract single digit numbers together eg 7+6, 11-3, 9+4, 12-4,...and share ways of getting the answer to a calculation  
MNU 1-03a
- read, write and verbalise numbers to 100, and give numbers before or after, and recognise odd and even numbers  
MNU 1-02a
- count on and back **verbally** in 1's and 10's from any two digit number eg "34, 35, 36, 37 or "93, 83, 73 ..."and "what comes after 45?"  
MNU 1-13b
- find different combinations of coins to pay for items and change using coins to £1 eg 20p, spend 5p, how much change?  
MNU1-09a
- verbalise months of the year and say which month is after (or before) any other month  
MNU 1-10b
- use a number line to find the difference between any two numbers to 20 eg between 13 and 15- **Count on rather than number line**  
MNU 1-03a
- find the missing number in statements eg 6+?=9  
MTH 1-15b
- reinforce adding three digits eg 4+3+3, or, 5+5+4 and discuss and use mental agility strategies

- add and subtract 10 to / from two digit numbers eg 43+10, 61-10- **and 9 and 11**  
MNU 1-03a
- use a number line to add or subtract small numbers to or from numbers to 20 eg 14+3  
MNU 1-03a
- read and **verbalise** three digit numbers, give the numbers before or after and explain the link between a digit, its place and its value  
MNU 1-02a
- add any single digit number together eg 7+6, 9+4, 9+6 and subtract any single digit from any single digit to 10 or beyond eg 9-3, 8-4, 10-3, 15 - 3, ..  
MNU 1-02a
- reinforce estimating the position of a number or fraction on a number line to 20, eg 11, ½  
MNU 1-01a

#### Jan - March of P3

- do time sums such as 'what time was it 2 hours before 5 o'clock?' and discuss how time impacts on daily routines, to be ready for events with an awareness of how long certain tasks can take  
MNU 1-10a
- add any single digit numb together eg 7+6, 9+4, and subtract any single digit from any number to 20 eg 9-3, 12-4, 13-4, 15-3, 18-2  
MNU 103a

- read, **verbalise and write** three digit numbers  
MNU 1-02a
- discuss the likelihood of an event occurring  
MNU 1-10a
- use a number line to find the difference between two numbers to 20 eg 13 and 16  
MNU 1-03a
- add any single digit numbers together eg 8+7 and reinforce the link between 8+7, 7+8, 15-7 ..  
MNU 1-03a
- estimate how long or heavy an object is, or what it holds, using everyday things as a guide, then measure or weigh using appropriate instruments  
MNU 1-11a
- count on (or back) in 2's or 10's to/from any two digit number eg 10, 12, 14, .., or 72, 62, 52, discuss odd and even numbers  
MTH 1-13b
- introduce the 2 times table to 20, the 10 times table to 100, and 5 times table to 50 (x only)  
MNU 1-03a
- find change from £1 using multiples of 10p eg £1-10p or £1-50p  
MNU 1-09a

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- + and - 2 or 3 (or more) to / from any 2 digit number eg 55+4, 77+3, 48-3, 60-2  
MNU 1-03a
- use decimal notation for money eg 125p is £1.25 and use different combinations of coins to pay for certain goods for costs to 30p  
MNU 1-09a
- round any 2 digit number to the nearest 10 eg 33 is nearer to 30, 47 is nearer to 50  
MNU 1-01a

- number eg 56+4, 74+5, 48-5, 60-4 ....  
MNU 1-02a
- reinforce the 2, 5 and 10 times tables for x, and introduce the 3 times table to 30, and the 4 times table to 40- **2 & 4, 3 & 6 etc tables together.**  
MNU 1-03a
- give the month before or after any other given month, eg “what month comes after February?”, or “before May?”  
MNU 1-10b
- estimate the position of numbers to 100 on a number line eg “where would the 60 be?” or where a simple fraction would be eg,  $\frac{1}{4}$  or  $\frac{3}{4}$   
MNU 1-01a
- find change from £1 using multiples of 10p eg “you have £1 and spend 20p - how much change?” and use different combinations of coins to pay for certain goods eg costs to 50p  
MNU 1-09a
- add and subtract 50 or 100 to/from any simple 3 digit number eg  $150+100=250$ , or,  $250-50$   
MNU 1-03a

**No. counting on problems like this  
 $64 - 27 = 64 - 30$  then  $+ 3$ .**

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- use decimal notation for money eg  $205p = £2.05$   
MNU 1-09a
- introduce  $\div$  for the 2, 5 and 10 times tables  
MNU 1-03a
- add or subtract a single digit to/from any 2 digit number eg  $73+7$ ,  $49-6$ ,  $50-3$ , .... and any single digit numbers together eg  $9+7$ ,  $16-9$  and discuss and use mental agility strategies for + -  
MNU 1-03a
- write 3 digit numbers given verbally, and state the number after and before  
MNU 1-02a
- double numbers to 20 eg  $11+11$ ,  $14+14$ , ...  
MNU 1-03a
- count on (or back) in 2’s, 3’s or 10’s to/from any two digit number eg 1, 4, 7, 10, 13, .., or 89, 79, 69, 59, .... or 80, 78, 76, 74, ....  
MTH 1-13b
- read 12 hour clock times which involve half past and quarter past the hour  
MNU 1-10a

**Place value linked to money**

**4 big questions doesn’t seem to be present-making links with multiplication, division, + and –**

**Reconfiguration of number**

**Recognise that  $5 \times 7$  is same as  $7 \times 5$**

### April – June of P3

- + and - 4 or 5 (or more) to / from any 2 digit