

# Curriculum for Excellence – First Securing

## Curriculum Map for Numeracy

### Aug-Dec of P4

- add single digit numbers together eg  $9+6$  and reinforce links such as  $9+6$ ,  $6+9$ ,  $15-6$ ,  $15-9$   
MNU 1-03a
- count on and back in 1s and 10s to/from any 3 digit number eg 703, 702, 701, 700....  
MNU 1-02a
- estimate the position of numbers to 100 on a number line eg “where would the 65 be?” and where simple fractions would lie eg  $1/2$ ,  $1/4$ ,  $1/3$   
MNU 1-02a
- reinforce the 2, 3, 4, 5 and 10 times tables for x and continue to divide by 2, 5 and 10 within the context of these tables eg  $8\div 2$ ,  $25\div 5$ ,  $60\div 10$   
MNU 1-03a
- + or - a single digit to/from any 2 digit number eg  $58+3$ ,  $61-4$ , with bridging,  
MNU 1-03a
- count on or back in 2, 3, 4, 5 to/from any number to 50, eg 44, 42, 40, .. or 44, 41, 38, or 88, 83, 78, 73, .. or 1, 5, 9, 13, 17, ...  
MNU 1-03a
- double numbers and near doubles to 20 eg  $14+15$ ,  $16+16$ ,  $17+16$ , ...  
MNU1-03a
- read clock times involving half past the hour and do time sums such as ‘What time half an

## P4

- hour before half past 3?, and estimate time spans in seconds and minutes, to check by measure  
MNU 1-10a
- estimate lengths of objects in centimetres then measure to confirm  
MNU 1-11a
- bond the multiples of 5 with 100 eg 95 and 5, 85 and 15, 75 and 25, ....  
MNU 1-13b
- find half of quantities to 20 and fractions by applying knowledge of division eg  $1/2$  of 14  
MNU 1-07a
- add and subtract multiples of 100 to/from a 3 digit number eg  $155+100=255$ ,  $354-200=154$   
MNU 1-03a
- find change from £1 using multiples of 5p or 10p eg £1 - 25p, and use real items  
MNU 1-09a

### Jan – March of P4

- + or - a single digit to / from any 2 digit number eg  $58+5$ ,  $72-5$ ,...  
MNU 1-03a
- reinforce the 2, 3, 4, 5 and 10 times tables to multiply and now divide by 3 and 4 as well as by 2, 5, 10, introduce the concept that  $4\times 3=12$ , then  $3\times 4=12$ ,  $12\div 3=4$ , and  $12\div 4=3$   
MNU 1-03a/MTH 1-15a

## IHS Cluster Mental Maths Planner Adapted from ‘Maths on Track’ Tom Renwick

- find the fractions  $1/2$ ,  $1/3$ ,  $1/4$ ,  $1/5$  and  $1/10$  by using knowledge of division  
MNU 1-07b/MNU 1-03a
- count on and back in 1s and 10s to/ from any 3 digit number eg 245, 255, 265, 275  
MNU 1-02a/MTH 1-13b
- 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/back in 2, 3, 4, 5 or more to/from a two digit number, eg 46, 43, 40, ..., or, 13, 17, 21 or 91, 86, 81, 76, or 90, 87, 84, ...  
MTH 1-13b
- double numbers to 20 eg  $16+16$ , and add any two numbers to 20 eg  $14+15$ ,  $17+14$   
MNU 1-02a
- read and **verbalise** 4 digit numbers eg 5936 ... and + and - 1 or 10 to / from eg  $2437+10$   
MNU 1-02a
- read clock times which involve half past and quarter past / to the hour do time sums such as ‘what time will it be half an hour after half 3?’, estimate time spans in seconds and minutes, then check by measuring with a variety of timers  
MNU 1-10c
- bond the multiples of 5 with 100 eg 65 and 35, 55 and 45, 45 and 55, ....  
MTH 1-13b

## Curriculum for Excellence – First Securing

### Curriculum Map for Numeracy

- reinforce subtracting a single digit from a teens, involving bridging eg 15-7 and a multiple of 10 eg 80-7, with an emphasis on speed and fluency

MNU 1-03a

### April – June of P4

- reinforce the 2, 3, 4, 5 and 10 times tables to multiply and divide (no remainders)

MNU 1-03a

- reinforce the concept of families, so that if  $5 \times 4 = 20$ , then  $4 \times 5 = 20$ ,  $20 \div 4 = 5$ , and  $20 \div 5 = 4$

MNU 1-03a

- + or - a single digit to/from any 2 digit number with bridging eg  $58 + 7$ ,  $61 - 5 \dots$

MNU 1-03a

- round 3 digit numbers to the nearest 100 eg 132 is nearer to 100 or 289 nearer to 200

MNU 1-01a

- estimate lengths in centimetres then measure to confirm, and areas, by counting squares

MNU 1-11a

- find change from £1 using multiples of 5p or 10p eg £1 - 45p, and give combinations of coins and notes that can be used to pay for items

MNU 1-09a

- add doubles and near doubles to 20 eg  $16 + 15$ ,  $19 + 18$ ,  $17 + 17$  etc and reinforce that if  $16 + 15$  then  $15 + 16$ ,  $31 - 15 = 16$  and  $31 - 16 = 15$

MNU 1-03a

## P4

- find  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$  and  $\frac{1}{10}$  of quantities belonging to these tables eg  $\frac{1}{2}$  of 18,  $\frac{1}{4}$  of 24 by applying knowledge of division

MNU 1-07b

- read and **verbalise** 4 digit numbers, going up and down in 1s (and 10s) to/from eg 2467, 2468, 2469

MNU 1-02a

- read clock times which involve quarter past and quarter to the hour eg 'what time will it be quarter of an hour after half past 5?'

MNU 1-10c

- find the doubles of the multiples of 5, up to 50 eg  $35 + 35$ ,  $40 + 40$ ,  $45 + 45 \dots$ , and other doubles eg  $24 + 24$ ,  $32 + 32 \dots$

MNU 1-03a

- count back **verbally** in 50s or 25s from 1000 eg 1000, 950, 900, ... or 1000, 975, 950, ..

MNU 1-13a