

Curriculum for Excellence Level 1

'towards' the level (mainly P2, P3, P4)

red text indicates use of Wee Red Box flashcards
with opportunities to use numeracy map given in blue



Mental agility progression from P1 - S3

Aug-Dec

- 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 (numeracy map)
- read, write and verbalise numbers to 100, and give numbers before or after, and recognise odd and even numbers (numeracy map)
- count on and back **verbally** in 1's and 10's from any two digit number eg "34, 35, 36, 37" and "what comes after 45?" (numeracy map)
- find different combinations of coins to pay for items and change using coins to £1 eg 20p, spend 5p, how much change?
- verbalise months of the year and say which month is after (or before) any other month
- use a number line to find the difference between any two numbers to 20 eg between 13 and 15 (numeracy map)
- find the missing number in statements eg $6+?=9$ (numeracy map)
- reinforce adding three digits eg $4+3+3$, or, $5+5+4$ and discuss and use mental agility strategies (numeracy map)
- add and subtract 10 to / from two digit numbers eg $43+10$, $61-10$ (numeracy map)
- use a number line to add or subtract small numbers to or from numbers to 20 eg $14+3$ (numeracy map)
- read and **verbalise** three digit numbers, give the numbers before or after and explain the link between a digit, its place and its value
- 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 $9-3$, $8-4$, $10-3$, $15-3$, .. (numeracy map)

Jan - March

- 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
- add any single digit numb together eg $7+6$, $9+4$, and subtract any single digit from any number to 20 eg $9-3$, $12-4$, $13-4$, $15-3$, $18-2$ (numeracy map)
- read, **verbalise and write** three digit numbers
- discuss the likelihood of an event occurring
- use a number line to find the difference between two numbers to 20 eg 13 and 16 (numeracy map)
- add any single digit numbers together eg $8+7$ and reinforce the link between $8+7$, $7+8$, $15-7$, $15-8$.. (numeracy map)
- 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
- 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 (numeracy map)
- introduce the 2 times table to 20, the 10 times table to 100, and 5 times table to 50 (x only) (numeracy map)
- find change from £1 using multiples of 10p eg £1-10p or £1-50p
- + and - 2 or 3 (or more) to / from any 2 digit number eg $55+4$, $77+3$, $48-3$, $60-2$ (numeracy map)
- 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
- round any 2 digit number to the nearest 10 eg 33 is nearer to 30, 47 is nearer to 50

Numeracy home and school supports on-line at www.mathsontrack.com including the acclaimed the Wee Red Box

April - June

- + and - 4 or 5 (or more) to / from any 2 digit number eg $56+4$, $74+5$, $60-4$ (numeracy map)
- 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 (numeracy map)
- give the month before or after any other given month, eg "what month comes after February?", or "before May?"
- 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, $1/4$ or $3/4$
- 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
- add and subtract 50 or 100 to/from any simple 3 digit number eg $150+100=250$, or, $250-50$ (numeracy map)
- use decimal notation for money eg 205p=£2.05
- introduce \div for the 2, 5 and 10 times tables (numeracy map)
- 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 + - (numeracy map)
- write 3 digit numbers given verbally, and state the number after and before
- double numbers to 20 eg $11+11$, $14+14$, ...
- 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, (numeracy map)
- read 12 hour clock times which involve half past and quarter past the hour
- **Maths on Track assessment 'towards level 1'**