Curriculum for Excellence Level 1
(by the end of P4 or earlier for some)

Mental agility progressions and flashcards from the **WEE RED BOX**

For maths CPD and/or other support materials from **Tom Renwick** visit **www.mathsontrack.com**

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
- read, write and verbalise numbers to 100, and give numbers before or after, and recognise odd and even numbers
- 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?"
- 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
- find the missing number in statements eg 6+?=9
- 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
- use a number line to add or subtract small numbers to or from numbers to 20 eg 14+3
- 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 numbe 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, ..
- reinforce estimating the position of a number on a number line to 20 eg "where would the 11 be?"or where a simple fraction would be eg, 1/2 or1/4 using the language associated with fractions

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

April - June of P3

- + and - 4 or 5(or more) to / from any 2 digit number eg 56+4, 74+5, 48-5, 60-4 ....
- 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 and consider division
- 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 using the language associated with fractions
- 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
- use decimal notation for money eg 205p=£2.05
- round 2 digit numbers to the nearest 10
- add or subtract a single digit to/from any 2 digit number eg 73+7, 49-6, 50-3, 39+2, ... and any single digit numbers together eg 9+7, 16-9 and discuss and use mental agility strategies for + -
- 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, ... or 80, 78, 76, 74, ...
- read 12 hour clock times which involve half past the hour and discuss how time impacts on daily