Crosby Primary School

Mathematics Medium Term Plan Year 1 Summer Term

Unit 4 Place Value: Numbers to 100 (2 Weeks)

National Curriculum

- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- Count, read and write numbers to 100 in numerals
- Given a number, identify one more and one less.
- Count in multiples of 2s 5s 10s

Ready to Progress

- 1NPV–1 Count within 100, forwards and backwards, starting with any number.

Times Tables

- Continue to develop counting in multiples of 2s 10s 5s with growing fluency

Ready to Progress

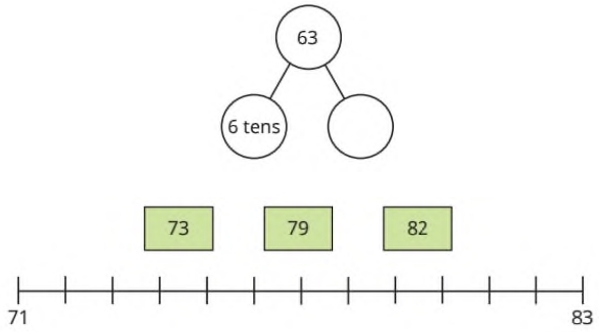
- 1NF–2 Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers.

Planning Links

White Rose Scheme of Work:
https://assets.whiterosemaths.com/new-schemes/Year%201%20Summer%20Block%204%20SOL%20Place%20value%20within%20100.pdf
Primary Stars Resources:
https://primarystarseducation.co.uk/2022/#viewo
NCETM:
https://www.ncetm.org.uk/classroom-resources/primm-1-09-composition-of-numbers-20-100/
Power Maths, White Rose Maths, Maths No Problem, Aspire Maths

Concept Sequence

- Count from 50 to 100 – introduce 100 square and use it to count forwards/backwards.
- Tens to 100 – use tens frames, base 10 etc. Know that 1 ten = 10 ones.
- Partition into tens and ones – group in 10s to see how many tens and ones. Use concrete resources then place value charts.
- The number line to 100 – different start/end points. Intervals of 1s and 10s finding and labelling numbers. Estimate on blank number lines.
- 1 more, 1 less - to 100 – use concrete materials and physically add/subtract before using number tracks/hundred squares.
- Compare Numbers with the same number of tens – compare using language and symbols. Use fewer for objects and less for values.
- Compare any two numbers – use partitioning to begin comparing. Use a range of equipment. Use language more than/less than/equal alongside symbols. Demonstrate value of 2-digit numbers. Represent this with concrete manipulatives before comparing numbers. Compare 3 or more numbers.



Vocabulary

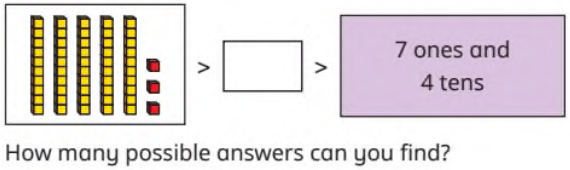
Number, Zero, None, One….twenty, How many…?
Count, count to, count up to, count on, count from, count on to, count on from, count back, count back to, count back from
Count in ones, twos, fives, tens
Is the same as, more, less, odd, even, few, pattern, pair
Ones, tens, digit
The same number as, as many as
More, larger, bigger, greater, fewer, smaller, less
Fewest, smallest, least, most, biggest, largest, greatest
One more, ten more, one less, ten less
Compare, order, size
Last, last but one, before, after, next, inbetween

New Vocabulary

Numeral, Twenty-one…..one hundred
Forwards, Backwards
Equal to, Equivalent to
Most, least, Many, Multiple of
Half-way between, above, below

Resources

Tens Grid, Base 10, Tens/Ones Grid, Dot-to-dots
Objects (counters, unifix, etc.)
100 Square, Number Lines, Counting Stick
Working Wall, Sentence stems
Gordons Maths Games, Mathletics, TTRockstars
BBC Super Movers:
https://www.bbc.co.uk/teach/supermovers/ks1-maths-collection/z6v4scw



7 ones and 4 tens

How many possible answers can you find?