



Mathematics Medium Term Plan

Foundation Stage Summer Term



Focus: Unit 7: To 20 and Beyond
Time: 4 Weeks

Concept Sequence:

Numbers:

Practise and consolidate key skills: subitising; counting; composition; sorting and matching; and comparing and ordering.

Build numbers beyond 10 – Identify numbers to 20 and beyond using different resources – tens frames, cubes, number shapes, bead strings etc. Show that larger numbers are composed of full 10s and part of the next 10. Recognise that numbers 1-9 repeat after every full 10.

Counting patterns beyond 10 - Count on/back from different starting points. Number before/after. Correct puppets making counting errors.

Measure, Shape and Spatial Thinking:

Spatial Reasoning 1 – Jigsaw and shape puzzles – select and rotate shapes. Match shapes and prompt positional language. Complete picture boards and tangram outlines. Match shape/cube arrangements.

Resources

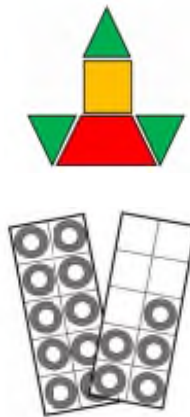
Real-life objects, counters, cubes, tens frame, number tracks, snakes and ladders, bingo, jigsaws, shape puzzles, tangrams, pattern blocks, cuisenaire rods, geo boards/elastic bands, numicon and base boards.

Numberblocks Series 3
 Peg + Cat – The Teens

Enhancements to Learning:

Small world – roll a die to collect corresponding number of items to fill tens frames; replicate scenes and discuss positional language.

Maths Area – make cityscapes using number frames, arrange birthday cards ascending/descending order.



Vocabulary

Zero, One, Two, Three... twenty.....
 How many?
 Count from/to. Show me x.
 Can you make the same as me? Do you need any more?
 Can you put the objects on a tens frame?
 Can you get me x objects?
 I think there's x left. Am I correct?
 Which set shows x?
 More than, fewer than, Equal to, the same as
 Which group has more/fewer?
 Are the groups equal? How do you know?
 Can you show me more/fewer/equal to/than x?
 Ones, tens, digit
 More, larger, bigger, greater
 Fewer, smaller, less
 Fewest, smallest, least, most, biggest, largest, greatest
 One more/less, ten more/less
 Compare, order, size
 First, second.....
 Before, after, last, next
 Position, over, under, above, below
 Top, bottom, side
 On, in, outside, inside
 Around, in front, behind, front, back, beside, next, opposite, part, between, middle, edge, corner, left, right, up, down, forwards, backwards, sideways
 Pattern, puzzle
 What could we try next?
 How did we work it out?
 Recognise, describe, draw, compare, sort, match



Planning Links

White Rose: <https://wrm-13b48.kxcdn.com/wp-content/uploads/2021/02/Phase-7-To-20-and-Beyond.pdf>
 NCETM: <https://www.ncetm.org.uk/in-the-classroom/early-years/>
 BBC Number Blocks: <https://www.bbc.co.uk/cbeebies/shows/numberblocks>
 Early Math Collaborative: <https://earlymath.erikson.edu/>
 NRICH <https://nrich.maths.org/early-years>
 Learning Trajectories (L2) <https://www.learningtrajectories.org/>
 HWB Wales <https://hwb.gov.wales/repository/discovery?sort=recent&catalogs=1d058d90-af42-4ce4-bbf2-ba794a95aa55&categories=0fe3d8a8-74ba-4292-b4fd-24cd2c8faaa9&strict=1>

Jack The Builder – Stuart J Murphy
One Moose, 20 Mice – Stella Blackstone
One to 10 and Back Again – Nick Sharratt
A Dozen Ducklings Lost and Found – Harriet Ziefert
Which is Round? Which is Bigger? – Mineko Marmada
1 is a Snail, 10 is a Crab – April Sayre & Jeff Sayre
1 is One – Tasha Tudor
The Real Princess – Brenda Williams
10 on a Train – John O'Leary
20 Big Trucks in the Middle of the Street – Mark Lee
Snail Trail: A Journey Through Modern Art – Jo Saxton
Which One Doesn't Belong – Christopher Danielson