



Concept Sequence:

Numbers:

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

Doubling: means twice as many; build using objects and equipment; use pair-wise patterns on tens frames; use examples of doubles and non-doubles to sort; play matching games

Sharing and Grouping: check sharing at snack times; recognise and make equal groups; model sharing and make groups in different contexts – note sometimes items are left over.

Even and Odd: note some groups can be shared into 2 groups and some can not – explore indifferent contexts; note sometimes 1 left over; build pair-wise patterns on tens frames

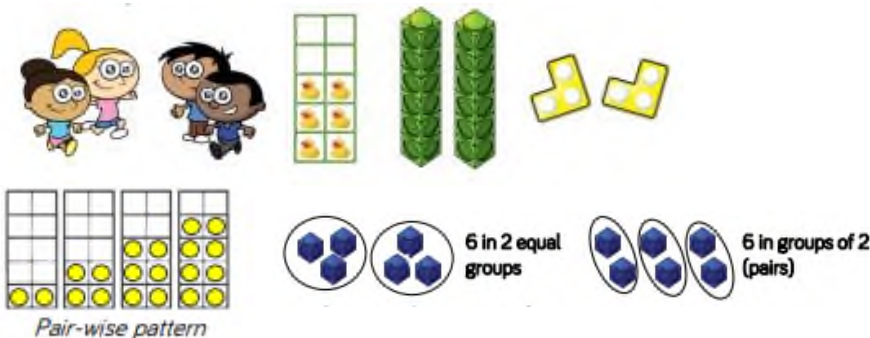
Measure, Shape and Spatial Thinking:

Spatial Reasoning 3 – can replicate models; look at objects from different positions; replicate constructions, models and places in stories; use positional language to describe objects in relation to each other; play barrier games and use verbal instructions to follow as they build.

Vocabulary

- Share, group
- Left over
- double, halve, number patterns
- Odd, even
- Position, over, under
- Above, below
- Top, bottom, side
- Om, in, outside, inside
- Around, in front, behind
- Front, back
- Beside, next to
- Opposite, apart, between
- Middle, edge, corner
- Direction, left, right, up, down
- Forwards, backwards, sideways
- Across, close, near, far
- Along, through
- To, from, towards, away from
- Movement, slide, roll, turn
- Stretch, bend
- Whole turn, half turn

This is the Story of Alison Hubble - Allan Ahlberg
Two of Everything - Lilly Hong
Double Dave - Sue Hendra
Double the Ducks - Stuart J Murphy
The Doorbell Rang - Pat Hutchins
The Gingerbread Man - Traditional
Bean Thirteen - Matthew McElligott
One Hungry Cat - Joanne Rocklin
Ness the Nurse - Nick Sharratt
One Odd Day - Doris Fisher
Pete the Cat and the Missing Cupcakes - K & J Dean
Underwater Counting - Jerry Pallotta
What the Ladybird Heard - Julia Donaldson
Rosie's Walk - Pat Hutchins
Mr Gumpy's Motor Car - John Burningham



Resources

- Real-life objects, counters, cubes, tens frame, dominoes, dice, bead strings
- Double Trouble – Nrich
- Nrich – Maths Story Time
- Numberblocks 2/9 – Double Trouble
- Numberblocks 2/11 – Odd and Even
- 10 Fat Sausages song
- We're going on a bear Hunt – Michael Rosen
- Cockatoos – Quentin Blake

Enhancements to Learning:

- Maths Area – snap/matching games
- Art – symmetry blobs, butterflies, make group-coloured pasta necklaces; odd/even pictures
- Snack time – sharing – Teddy Bear's Picnic
- Small world – make groups of 2/3; small world scenes to replicate
- IT - Take photographs from different viewpoints

Planning Links

- White Rose: <https://wrm-13b48.kxcdn.com/wp-content/uploads/2021/03/Reception-Scheme-Phase-9-Summer-2021.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>