



**Concept Sequence:**

**Numbers:**

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

Patterns and relationships: explore and investigate relationships between numbers and shapes (eg. doubles). Copy, continue and create a range of repeating patterns and symmetrical constructions (eg. ABBC). Draw attention to patterns in stories from a range of cultures.

**Measure, Shape and Spatial Thinking:**

Spatial Reasoning 4 – make maps and plans to represent places and use these to see where things are in relation to one another. Create maps to represent models and places in stories.

**Resources**

Real-life objects, counters, cubes, tens frame, dominoes, dice, bead strings, pattern block, maps/plans  
Ant's Rule – The long and short of it – Bob Barner  
The Leopard's Drum – Jessica Souhami  
Jamil's Clever Cat – Fiona French

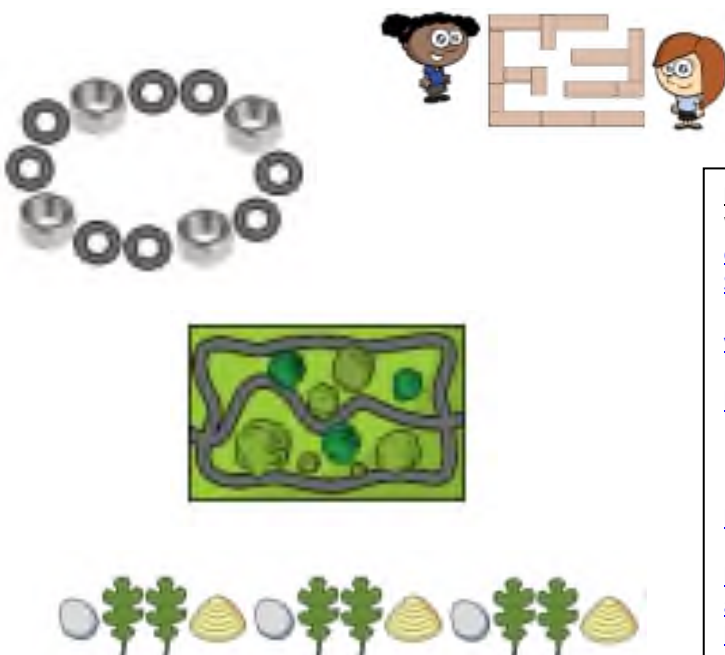
**Enhancements to Learning:**

Maths – Match short blocks to long blocks  
Obstacle course – plans  
Art – maps and plans eg. Journey to Grandma's house  
Construction - mazes

**Vocabulary**

Share, group  
Left over  
double, halve, number patterns  
Odd, even  
Position, over, under  
Above, below  
Top, bottom, side  
On, 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

Mr Gumpy's Outing – John Burningham
Billy's Bucket – Kes Gray
Mr Archimede's Bath – Pamela Allen
Who Sank the Boat – Pamela Allen
How Many Legs – Kes Gray
Pattern Bugs & Pattern Fish – Trudy Harris
The Secret Path – Nick Butterworth
Me on the Map – Joan Sweeney
Little Red Riding Hood – Traditional
If I Built a House – Chris Van Dusen
Once Upon a Time Map Book – B.G. Hennessy
In Every House on Every Street – Jess Hitchman



**Planning Links**

White Rose: <https://wrm-13b48.kxcdn.com/wp-content/uploads/2021/03/Reception-Scheme-Phase-10-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>