



Crosby Primary School

Mathematics Medium Term Plan Year 2 Summer Term

Unit 4 Position and Direction (2 Weeks)

National Curriculum

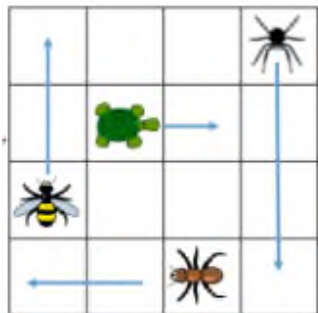
- Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).
- Order and arrange combinations of mathematical objects in patterns and sequences.

Times Tables

- Mix 2x 5x 10x table

Ready to Progress

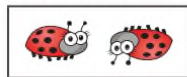
- 2MD–1 Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables.
- 2MD–2 Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotitive division).



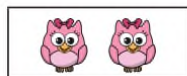
Concept Sequence

- Language of position – left/right, up/below/between etc.
- Describe movement - use language forwards/backwards/up/down/right/left to describe movement in a straight line, including combinations.
- Describe turns - using language full turn/half turn/quarter turn/three-quarter turn/clockwise/anti-clockwise.
- Describe movement and turns (and record) – links with ICT/PE.
- Shape patterns with turns - making patterns with shapes – describe/create patterns involving direction and turns.

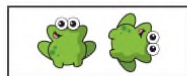
Match the pictures to the turns.



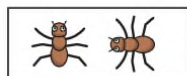
full turn



quarter turn
clockwise



half turn
anticlockwise



quarter turn
anticlockwise



The triangle has turned a _____ turn _____

Vocabulary

Position, over, under, underneath, above, below
 Top, bottom, side, on, in, outside, inside
 Around, In front, behind, front, back, beside, next to
 Opposite, apart, between, middle, edge, centre, corner
 Direction, journey, left, right
 Up, down, forwards, backwards, sideways
 Across, next to, close, far
 Along, through, to, from, towards, away from
 Movement, slide, roll, turn, stretch, bend
 Whole turn, half turn, quarter turn, three-quarter turn

New Vocabulary

Route, higher, lower
 Clockwise, anti-clockwise
 Right angle, straight line



Planning Links

White Rose Scheme of Work:
<https://assets.whiterosemaths.com/new-schemes/Year%20%20Summer%20Block%20%20SOL%20Position%20and%20direction.pdf>
 Primary Stars Resources:
<https://primarystarseducation.co.uk/2022/#viewo>
 Power Maths, White Rose, Maths No Problem, Aspire Maths

Resources

Shapes/Objects (counters, unifix, etc.), Grids
 Beebots (ICT)
 Working Wall
 Gordons Maths Games, Mathletics, TTRockstars
 BBC Super Movers
<https://www.bbc.co.uk/teach/supermovers/ks1-maths-collection/z6v4scw>

