## Planning Overview

Year 1 Geometry Position and Direction

Describe position, direction and movement, including whole, half, quarter and threequarter turns

|  | Teaching and Learning |
| :---: | :---: |
| Describe position (above, below, in front of, behind, in between, next to, inside, outside etc) | Use a toy and a box to model vocab for common prepositions of place. Ask children to place the toy in specific places. Extend to include a chair and a cushion. Children to go on to give instructions to each other. <br> Give children photos (2D representation) of a set of objects in a certain arrangement - can one child describe the arrangement in the photo? Can the other children recreate it following their description? <br> Play barrier games that link to work on 2D and 3D shapes if appropriate e.g. using multilink cubes 1 child creates a compound shape and describes it to another child as they build <br> Put the green cube on top of the yellow cube. Put a blue cube to the right of the yellow cube etc. Could extend to include a compare bear between the yellow and green cube or behind the wall/in front of the wall <br> Use 2 packs of matching picture cards (maybe linked to topic). Lay cards from set 1 out in an array. Children draw a card from the second pack and say where the matching card is in relation to one of the other cards. |
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$\left.\begin{array}{|l|l|}\hline \begin{array}{l}\text { Describe } \\ \text { direction and } \\ \text { movement } \\ \text { without turns } \\ \text { (forwards, } \\ \text { backwards, } \\ \text { sideways, } \\ \text { left, right, up, } \\ \text { down) }\end{array} & \begin{array}{l}\text { Follow instructions to move yourself forwards, backwards and } \\ \text { sideways left and right through a maze in the classroom or chalked } \\ \text { outside - direct a friend. } \\ \text { Colour in a route following given directions on a grid. } \\ \text { Write directions to match a shaded route. }\end{array} \\ \text { Make treasure maps and write directions to the treasure. } \\ \text { Play treasure hunt game on a 9x9 grid with a few items of treasure on } \\ \text { it. Start in centre square. Roll dice and draw a direction card (forwards, } \\ \text { backwards, left, right). Move as directed. If you land on treasure you } \\ \text { win it. If you go off the edge go back to start. } \\ \text { If the treasure is 5 steps away and you can move horizontally or } \\ \text { vertically (not diagonally), where could it be? Could put a counter on } \\ \text { your guess then get a second clue from there i.e. now it is 2 steps } \\ \text { away - start to eliminate possibilities until you are sure where it is }\end{array}\right\}$


