## Orienteering Second Steps

Aim: Today you're going to learn how to draw a map and precisely navigate around a route marked on your map, building on your basic skills.

Find a partner, they can be an adult or a child.

> Create an open space either inside your home or out in the garden, that is safe and free of general hazards, e.g. sharp edges or objects to fall on, breakable items or hot fires.

2

Look at the coloured dots you have created on the floor, and draw maps of them on paper, in the correct colours.

3

4

Imagine that you are a bird, and you are drawing the shapes from a birds eye view.

Make a grid of 4 x 4 'dots'. If you can, make each line a different colour (like the grid to the right). Lay out 16 household items on the floor to symbolise the dots. e.g. socks and teddies, hats and plastic plates, or make circles out of paper or card. If you can, make the dots a step apart.

Good

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the start and finish points only going forward, back, left and right - no diagonals! Draw the symbols below the map, along with what they represent to create a map key!

6

Now, you both draw a triangle on your map where the start of your route is, and a diamond where the finish of your route is. They don't have to be the same as each other's. you want your map to be different from your partner's map as it is unique to you.

<u>Map Key:</u>

= Start = Route

Draw a line between for steps 7-13

Please turn over

= Finish

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7

Now take it in turns. One of you stands before your grid with your map in your hands. 'Set' your map, so that the position and colour of the circles on your dot map matches the position and colour of the circles on the ground.

Walk to the opposite side of the grid, ask your partner to carefully spin you around with your eyes shut 3 times and then 'set' your map again.

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do it!

Swap maps with your partner. Take it in turns to find the start point on this new map and follow the route they've marked. If you're feeling confident try to follow it as fast as possible.

11



10



Find the start point on your map and go and stand on or next to it. Now navigate your way along the route marked on your map by walking through your dot grid on the floor, until you reach the finish point. Keep your map 'set' the whole time. Point with your thumb to where you are on the map and, as you walk, follow your route with your thumb on the dot map. thornbridge outdoors

## 12

Ready for another challenge? Work together to draw a map of one of the rooms in your house. Remember to add in the furniture, doors and windows. Once you have a detailed map, one of you must leave the room. The person left inside the room hides a small teddy somewhere and draws a small circle (size of the top of your pencil) on the map, where they have hidden the teddy. They ask their partner to come back in the room, give them the map, and ask them to go to where the circle is on the map, and look for the teddy.

## 13

Swap over! Whoever has just found the teddy now gets to ask their partner to leave the room. It's your turn to hide the teddy, and see if your partner can find it using the map.

You have just been orienteering!