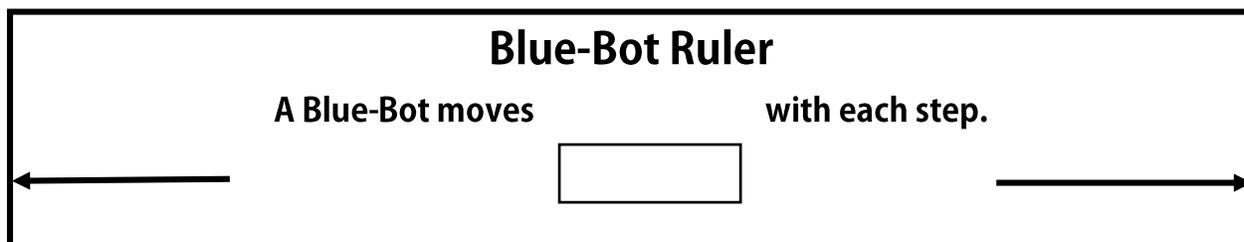


Challenge 3: How far is it?

Step 1: How far does a Bluebot move with one ? Use the materials provided to make a ruler that measures exactly one Bluebot step.



Step 2: Can you make the Bluebot travel around a chair? What shape will the Bluebot need to make? How many Bluebot steps will each side of the shape be? How many corners (turns) will the shape have?



Other ideas for the classroom
 Predict whether the Bluebot will be faster or slower on a slope, on carpet or on a smooth floor. Use a Bluebot ruler to test the prediction.

How to play Basic Controls

