

Mission: The robot will travel the distance assigned and stop.

Equipment:

White table top or playing field.

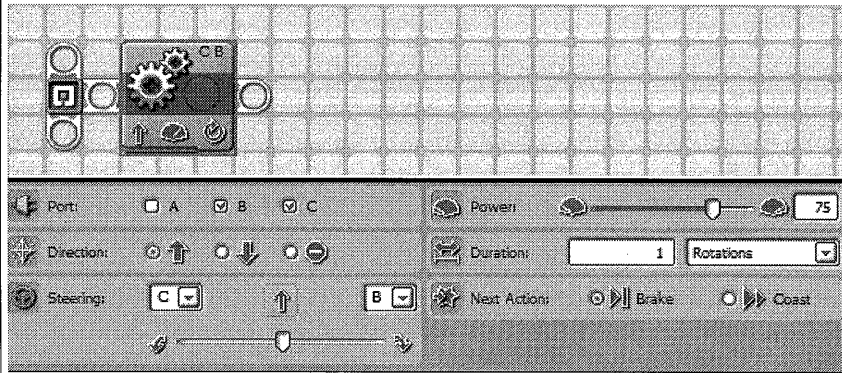
12 inch or 30 cm ruler

Sensors:

none

Notice at the top of the move block the letters C and B. This means that the control block will control motors plugged into ports C and B. You can leave it like this or you can click on the radio buttons in the middle left side of the illustration where it says "Port."

"Direction" lets you decide to have the move block move the motors forward, backwards, or make them stop.



Rotations lets you set how many times the wheels will rotate. You can use decimals to have parts of a turn.

One the bottom is the steering slider. You can slide this one way or the other to make the robot turn.

On the lower right you can see brake or coast. Brake will make the wheels stop moving right after it finishes the number of rotations it is told to do. Coast will let the wheels coast to a stop after it finishes the turns. It is less exact.