Mat Type: General Practice / GPM002
Author(s): Marco Ciavolino
Mission Title: Basic Accurate Turns

Suggested Prerequisites: None

Sensors: None

Mission Goals
Accurate repeatable turns are essential to successful missions. Using a simple robot design, experiment with various wheel positions and gliders to attempt consistent and reliable turns. Use the full compass on the board. Begin with 180 degree turns and back. The goal is understand how to make the robot turn exactly the correct number of degrees and then back to the same position. When you have that working, then try 90 and back, 270 and back, etc. Then combine turns for example: 270, back 45, 180, back 30, etc. You will have to experiment with various power values.

Mission Participants

Date Completed ___/___/___

Record Your Steps Below

STEP	Task	Notes
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STEP	Task	Notes
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