

Rover Bot Motion Testing - 1

Name _____

Date _____

Objective: Follow the Tape

On the floor is a path marked with masking tape. Place your Rover Bot with some easily recognizable part at the edge of the masking tape. The starting position must be repeatable. The path begins with a straight run of 75 cm, followed by a left turn and a run of 50 cm, then a right turn and 25 cm further to the finish.

Each turn is 90 degrees, which is not easy for the Bot. Your job is to follow the path as closely as possible, and stop your Bot at the end of the tape. Keep a good record of your attempts – remember there are no failures, just important information that leads to completing the goal.

Trial	Notable successes / problems	Proposed correction
1		
2		
3		
4		
5		