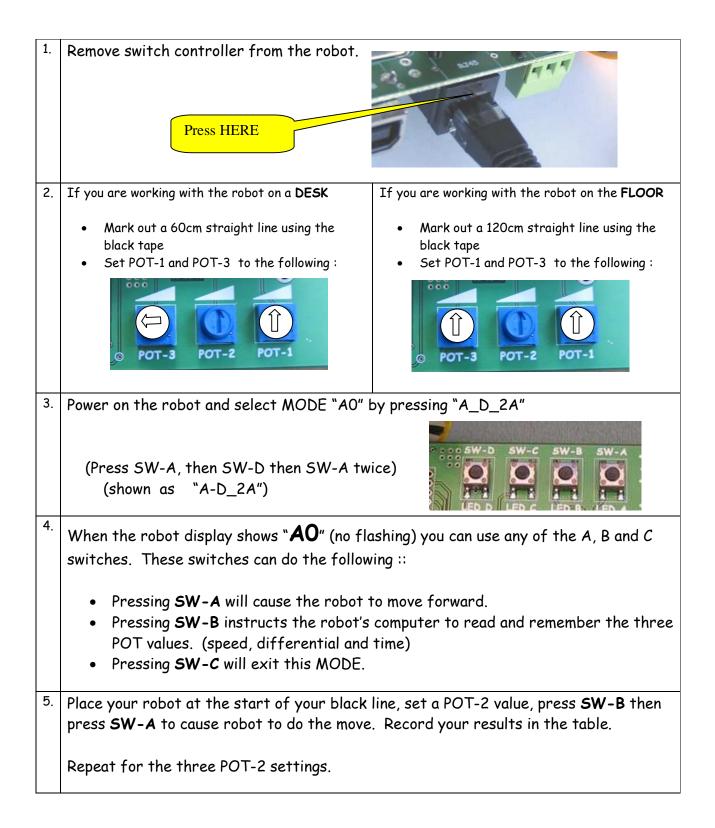


Activity 5 worksheet

Getting your robot to go in curved and straight lines



POT-2 setting	Setting	Observed direction	
5	LOW		Table 1 POT-2 observations
Î	MEDIUM		
	HIGH		\mathbb{V}

6.	Using information in table 1 work out the setting for POT-2 to make your robot straight as possible. Record the arrow position below.			
	POT-2			
7.	You can now experiment with the effect that the other POTs have on the way the robot behaves.			
	a. POT-1 controls the speed of the robot b. POT-3 controls the amount of time the robot runs (from 2 to 8 seconds)			
8.	Understanding what effect the three POTs have will help you in the next activity			
	- 10-pin bowling.			