

ROBOT PROJECT EVALUATION

Team Members: _____

	Level 1 (50-59%)	Level 2 (60-69%)	Level 3 (70-79%)	Level 4 (80-100%)	Value
Circuit Board Assembly (Application)	Parts are missing and the wiring is sloppy.	The circuit is almost complete, and the wiring is competent.	All the electronic components are connected correctly.	The circuit is assembled accurately and neatly	20
Programming Skills (Knowledge)	Program works, but no flow chart submitted.	Program works, but flow chart is inefficient.	Flow chart is effective, logically organized.	Flow chart is efficient, very clearly organized.	10
Robot Basic Operation (Thinking and Inquiry)	The robot can sometimes perform the basic motions	The robot moves backward and forward and turns most of the time.	The robot moves backward, forward, and turns left /right as programmed	The robot moves smoothly through the S-pattern and the figure 8 pattern.	10
Self-Evaluation Report (Communication)	Report is incomplete and inaccurate.	Report is incomplete or inaccurate.	Complete and accurate report	Very detailed and knowledgeable	5
	TOTAL				45
	Comments			Mark	Value
Circuit Board Assembly (Application)					20
Programming Skills (Knowledge)					10
Robot Basic Operation (Thinking and Inquiry)					10
Self-Evaluation Report (Communication)					5
Total					45