

ROBOTICS



ROBOTICS 1: BEGINNING OR INTERMEDIATE ROBOTICS 2

Name _____

County _____ Project Level 1 Beginning | Intermediate | Level 2

JUDGES: Please identify a numerical score on a scale of 1-10 for each element on the sheet.

Judging Criteria	SCORE 1= needs improvement 10= exceeds criteria
Project Knowledge	
<ul style="list-style-type: none"> • General knowledge of robotics concepts • Exhibit appropriate for member age & level • Robotics notebook documents exhibitor's investigation into robotics • Activities from the manual fully completed • Robot performs assigned task <ul style="list-style-type: none"> ○ Beginning: Robot follows a predetermined path that changes direction at least 4 times during a single run. ○ Intermediate: Robot uses at least one sensor to correctly follow path, respond to, and avoid obstacles ○ Level 2: Robot uses sensors and programming to complete one of the provided challenges 	
Explanation of Project Exhibit	
<ul style="list-style-type: none"> • Goal of project exhibit • Ability to explain process of designing, troubleshooting, and refining a robot design or program • Ability to explain target robotics concepts, such as sensors, programming, real world uses, etc. • Self-evaluation of project, including time spent on project area • Skills learned and plans for continued study 	
Exhibit Presentation	
<ul style="list-style-type: none"> • Neat appearance • Follows exhibit requirements • Presents information in interesting way 	
TOTAL SCORE <i>(Points possible: 130)</i>	
COMMENTS	
AWARD RECEIVED <i>(if applicable)</i>	