

ROBOTICS



ROBOTICS: BEGINNING 1, 2 OR INTERMEDIATE 2

Name _____

County _____ Club _____

Circle Project Level: Beginning 1 Intermediate 1 Level 2

JUDGES: Please identify a numerical score on a scale of 1-10 for each element on the sheet. **1= needs improvement, 10= exceeds criteria.** At the county level, an alternative scoring method can be used: Needs Improvement “-“, Meets Expectations “X”, and Exceeds Expectations “+”.

Judging Criteria

Project Knowledge	Score
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	Score
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.	
Skills learned and plans for continued study	

Exhibit Presentation	Scores
Neat appearance	
Follows exhibit requirements Robotics 1 with EV3 or go.illinois.edu/RoboticsActivities1 OR Robotics 2: EV3 N More or golillinois.edu/roboticsActivities2 project resources required	
Presents information in interesting way	

Continued

TOTAL SCORE (Points possible: 130): _____

AWARD RECEIVED (if applicable): _____

COMMENTS: