

# ROBOTICS

## ROBOTICS 3 OPEN SOURCE



**Illinois Extension**  
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Name \_\_\_\_\_

County \_\_\_\_\_

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

| <b>Judging Criteria</b>                                                                                                                                     | <b>SCORE</b><br>1= needs improvement<br>10= exceeds criteria |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>Project Knowledge</b>                                                                                                                                    |                                                              |
| • General knowledge of robotics concepts                                                                                                                    |                                                              |
| • Exhibit appropriate for member age & level                                                                                                                |                                                              |
| • Robotics notebook documents exhibitor's investigation into robotics                                                                                       |                                                              |
| • Robot completes a task using multiple sensors                                                                                                             |                                                              |
| <b>Explanation of Project Exhibit</b>                                                                                                                       |                                                              |
| • 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                                                                                                              |                                                              |
| <b>Exhibit Presentation</b>                                                                                                                                 |                                                              |
| • Neat appearance                                                                                                                                           |                                                              |
| • Follows exhibit requirements, <a href="http://go.illinois.edu/4HRoboticsProjectPage">go.illinois.edu/4HRoboticsProjectPage</a> project resource required. |                                                              |
| • Presents information in interesting way                                                                                                                   |                                                              |
| <b>TOTAL SCORE</b> <i>(Points possible: 120)</i>                                                                                                            |                                                              |
| <b>COMMENTS</b>                                                                                                                                             |                                                              |
| <b>AWARD RECEIVED</b> <i>(if applicable)</i>                                                                                                                |                                                              |