#508 – ROBOTICS 2 EV3N More

Get more info on Robots & Kits here: http://www.ohio4h.org/robotics

- Member MUST participate in County Project/Interview Judging or 4-H Project will be INCOMPLETE.
- Member must attend **General 4-H Project Judging Day** to be eligible for County Placement and State Fair Selection (if applicable).
- If the member cannot attend Project Judging, your project can be judged at Early Judging. However, Early Judging participants will not qualify for County Placement or State Fair.
- Project must be displayed at the Ross County Fair to receive fair premiums.
- **For Project Judging Dates & Times & Details:**
  - ASK your Club Advisor
  - READ the *May Family HOTLINE* sent to every 4-H family
  - LOOK on the 4-H website [http://ross.osu.edu](http://ross.osu.edu)

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**Skill Level:** Advanced

**Completion:**
1. All 7 activities and "Talking It Over" questions
2. At least 2 learning experiences
3. At least 2 leadership/citizenship activities
4. Build a Robot using the 4-H kit available from LEGOS® Education.
   - **Note:** You must have a computer and internet access.
5. Prepare an educational exhibit (item made from project book, photo exhibit, notebook, scrapbook or poster; poster size minimum 14” x 22” and maximum 22” x 28”) based on this project.

**Judging:**
1. Interview based on skills learned, activities completed and educational exhibit.
2. Bring to interview on General 4-H Project Judging Day:
   - a. Completed project book
   - b. Completed educational exhibit
   - c. Robot (Be prepared to demonstrate Robot’s ability to complete tasks found in the project book)
   - d. Test surface on which to demonstrate Robot’s completion of tasks

**County Fair Exhibit:**
An educational exhibit relating to project work displayed in a fair booth.

*It is recommended you do NOT display your robotics vehicle or equipment!*

**State Fair Competition:**
1. State Fair participants will be selected during county-level competition on General 4-H Project Judging Day.
2. Event: STEM Day.
   - Completed project book, display, and interview.
3. Contestants are required to bring their own test surface on which to demonstrate their robot’s completion of these tasks, along with a printout of the program.