#507 – ROBOTICS 1  LEGOS EV3

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

Skill Level: Intermediate

Completion:
1. All 12 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 will demonstrate their LEGO EV3 robot’s ability to complete 3 or more of the tasks (in less than 10 minutes) from Activity 12 of the 507 project book. 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.