

## **Middle School Mania CDE Challenge Event**

**Purpose:** To provide a fun competition/engagement activity just for middle school members and begin exposing them to colleges/career opportunities. While middle school members can often attend Section events, they are always surrounded by and competing against high school students, this would provide a meaningful stand alone experience just for middle school students.

### **Details:**

- Hosted @ Illinois Valley Community College in Ogelsby
- Open to 6-8th grade students
- To be held on Feb. 27th, 10:00am-12:30pm
- 5 “stations” of competition!
- Provides students with early exposure to a great college option and it’s students
- You can register 2 teams of 5 or 10 total members.
- Competition includes micro versions of Agronomy, Ag Mech, Food Sci, 20 question FFA trivia quiz, and a team based challenge. See possible inclusions (for studying) below.
- Prizes will be awarded for top teams and individuals.

### **CDE ID/Activities:**

- Agronomy: 10 seeds, 10 bugs, 10 machines (actually have 5 out of each)
  - Seeds: Canola, Field Corn, Sweet Corn, Soybeans, Cotton, Barley, Wheat, Rice, Oats, Kentucky BlueGrass
  - Bugs: Alfalfa weevil, Aphid, Armyworm larva, Assassin bug, Bean leaf beetle, Blister beetle, Chinch bug, Corn earworm larva, Corn rootworm larva, Cricket, Cutworm larva
  - Machines: Corn head for combine, Combine, Field Cultivator, Drawn Planter, Bean Harvester Head, Manure Spreader, Sprayer, Row Crop Tractor, Disc Chisel, Grain dryer
  
- Ag Mech: Tool ID (out of 20, identify 10)
  - Allen Wrench
  - Socket Wrench
  - Combination Wrench
  - Flat Blade Screwdriver
  - Phillips Head ScrewDriver
  - Lineman Pliers
  - Hack Saw
  - Carpenter Square
  - Needle Nose Pliers
  - Slip Joint Pliers