

Georgia FFA Association
Agriculture Technology and Equipment ID CDE
Information Sheet 2023-2024

Tool Identification

- Student will Identify 25 Tools
- 25 tools, tool descriptions, or described tool uses will be provided for identification
- Students will select from a list of corresponding numbers for the tool identified and record it on an answer sheet

Written Exam

- Students will answer 25 multiple choice questions
- Multiple choice questions may be selected from any of the resources identified in the CDE Guidelines
- Written exam questions will match the skill selected for the FY 24 CDE (focus on Electrical Wiring)

Skill

- The skill will involve electrical wiring skills on a 120-volt circuit consisting of two boxes.
- Students will only make connections
- The conductor (solid 14 AWG) will already be installed in conduit and boxes will be mounted.
- All tools will be provided
- Devices may include any of the following:
 - Single pole switches
 - Receptacles (duplex convenience outlet)
 - Light (keyless lamp holder)
- Boxes will have 1/2" conduit between the boxes, and may or not be on a 2x4
- Safety Glasses will be required

Measurements

- The measurement activity will match the skill (focus on electricity)
- Students may be required to measure:
 - Length of material (board, wire, conduit length and diameter, box size)
 - Cubic dimension of boxes
 - Conductor count of boxes
 - Size of a conductor
- Measurement tools may include:
 - Measuring Tapes, Squares, Rulers, wire gauges, or any other common measuring device

Items to Bring:

- Safety Glasses
- Pencils
- Clipboards
- Calculators