

FY20 Agricultural Technical and Equipment CDE

Information Sheet

Tool Identification

- Students will identify 25 tools
- 25 tools, tool descriptions, or described tool uses will be provided for identification
- Students will select from a list the corresponding number for the tool identified and record it on the 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 match the skill selected for the FY20 CDE (focus on electricity)

Skill

- The skill will involve wiring a 120-volt circuit consisting of two boxes.
- Students will only make connections.
- The wire/conductor (solid 14 awg) will already be installed in conduit and boxes will already be mounted.
- Tools will be provided
- Devices may include any two (except switches) of the following:
 - Single pole switches
 - Receptacles (duplex convenience outlet)
 - Light (keyless lampholder)
- Boxes will be mounted on a 2 x 4 with ½" conduit between the boxes
- Safety glasses are required

Measurement

- The measurement activity will match the skill (focus on electricity)
- Students may be required to measure:
 - Length of material (board, wire, pvc pipe, etc...)
 - Cubic dimensions of boxes
 - Conductor count of boxes
 - Size of conductor
 - Measurement tools may include: Measuring tapes, square, rulers, or any other common measuring device

Items to Bring:

- Safety Glasses
- Pencils
- Clipboards
- Calculators