

To: FFA Advisors and Coaches

From: Joe Linthicum

Ref: Maryland FFA Agriculture Power and Technology CDE

Date: January 16, 2026

Greeting Agriculture Education Colleagues,

The new year is in full swing and so I am sending out the areas of the ATMS event this year. Here are the preliminary topics in the various areas with more specifics as we develop them. Remember we are trying to conduct these in a 20-to-25-minute time frame.

Electrical - Branch wiring circuits

Small engines - Use of manual, parts, troubleshooting, use of equipment associated with engine maintenance.

Welding - Mig welding and its operation.

Machinery and equipment - We will use planting equipment: Planters and Drills, use and operation.

Environmental - Soil erosion and contour lines.

Team activity - We are currently working on activity that can be completed in a 30-minute time frame. More to follow as we build it.

Our references are the following: Agricultural Mechanics: Fundamental and Applications and Agricultural Mechanics and Technology systems.

Check out the National FFA website under the CDE tab for past exams and sample problems.