



Creation of a Sliding Ruler for Teaching Measurement in Agricultural Mechanics

Kathryn L. Teixeira and Nathan Smith
Oklahoma State University

Background

Historically, the use of visual aides to teach subject matter in agricultural mechanics has included PowerPoint slides, videos, pieces of realia, and simulations with food or other consumable materials.

Pre-service teachers created the Sliding Rulers as part of their student teaching block. This project was created to equip the pre-service teachers with an instructional visual aide to use in the classroom during their student teaching experience.

Identification and proper use of measuring tools is an important agricultural mechanics skill

(Hainline & Wells, 2019)

Feedback from Student Teachers

The ruler project was a really simple idea, but easily used as an assessment tool, for bell work, and to explain better why a cutting blade needed to be to the right of the line rather than directly on the line

It was helpful in the classroom because "it was representative of the tape measure but on a much bigger scale and I could explain it to the entire class at once rather than have to go out and show them one at a time or in small groups"



Project Plans

