

CASE

Enhancing the Traditional Delivery Model of Secondary Agricultural Education

Curriculum for Agricultural Science Education



Setting learning in real life context is the ultimate goal of CASE. Students will learn to evaluate information to solve real world issues using problem-based learning.

Activity-, Project-, and Problem-based Learning

Student Directed Learning



Activities
- Structured Inquiry



Projects
- Guided Inquiry



Problems
- Open Inquiry

"Many different teaching techniques are used that I had not used in class before. Students like the variety of activities that are used."

- Dennis Bjorklund, Carver Scott Ed Coop, Chaska, MN



Projects reinforce knowledge and skills that student learn by applying this information towards an exercise emphasizing critical thinking and creativity.



STEM Enhancement

Aligned to national content standards:

- AFNR (NCAE)
- Science (NSES)
- Mathematics (NCTM)
- English (NCTE)

Employability Skills

CASE promotes rigor and relevance of agricultural education meeting high level skills identified in STEM standards. Students will be challenged with a balance of core academic instruction set within the relevance context of agriculture.

Matt said, "I really enjoy being a scientist. We are using technology in our small groups to solve problems and find answers."



Activities promote technical skill building and teach students knowledge through hands-on exercises.

Pedagogical Philosophy

How People Learn, by the National Research Council

Understanding by Design, by the Wiggins and McTighe



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