CASE
Curriculum for Agricultural
Science Education

Enhancing the Traditional Delivery Model of
Secondary Agricultural Education

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 Blorklund, 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.

Curriculum
Professional Development
Assessment
Certifications

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.”

Pedagogical Philosophy

How People Learn, by the National Research Council
Understanding by Design, by the Wiggins and McTighe

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