CASE – Curriculum for Agricultural Science Education

Project Description/Objectives:
Curriculum for Agricultural Science Education (CASE) develops curriculum utilizing science inquiry for lesson foundation and concepts are taught using activity-, project-, and problem-base instructional strategies. In addition to the curriculum aspect of CASE, the project ensures quality teaching by providing extensive professional development for teachers that leads to certification. The project goal is to implement a curriculum for secondary agricultural education that provides a high level of educational experiences to enhance the rigor and relevance of agriculture, food, and natural resources (AFNR) subject matter. Besides elevating the rigor of AFNR knowledge and skills, CASE provides purposeful enhancement of science, mathematics, and English language understanding.

Grade Levels:
9-12

What is Provided by the Project:
- CASE Curriculum – 172 rigorous lessons in one of five modules which have been cross-walked to exceed national content standards for math and science
- Professional Development Training Institute
  - Two week training held during the summer
  - Lodging
  - Meals
  - All institute material expenses
- Materials/Equipment to implement CASE
- Workshops at NAAE Conference
- Access to NAAE Communities of Practice (Professional Learning Communities) on the State and Regional Level
- Built in pedagogical / instructional strategies for differentiated instruction
- Teachers Services including purchasing lists, technology support, and professional development
- Purposeful assessment of the concepts taught.

What is Required by the School or local education agency (LEA) in order to implement this program:
- Attend two weeks of CASE Curriculum Institute (Institute dates and locations will vary based on module requested)
- Commit to adopt and teach CASE curriculum upon return from institute (2014-2015 school year)
- Travel expenses above the grant stipend
- Secure equipment and supplies to teach CASE course above the grant allocation

Website to view program and Standards Alignment: http://www.case4learning.com/

Program Video: http://www.youtube.com/watch?v=7H2QnLXMats