

CASE

Curriculum for Agricultural Science Education

www.case4learning.org



Introduction to Agriculture, Food, and Natural Resources



Principles of Agricultural Science – Animal



Principles of Agricultural Science – Plant



Agricultural Power and Technology



Natural Resources and Ecology



Animal and Plant Biotechnology



Food Science and Safety



Mechanical Systems in Agriculture



Environmental Science Issues



Agricultural Research and Development

WHAT DOES CASE OFFER?

FOR THE TEACHER

Lessons prepared using research-based pedagogy.

An activity-, project-, & problem-based curriculum arranged in a logical sequence to spiral student learning experiences throughout the course.

Detailed instructions, assessments, rubrics, and resources for teaching hands-on laboratory exercises with each lesson.

Professional development specific to each course to ensure teachers have the background and expertise to utilize CASE to its fullest potential.



FOR THE STUDENT

Rigorous hands-on learning opportunities.

Potential for college credit through articulation.

Learning science, technology, engineering, and math (STEM) in the context of agriculture.

A program of study with a logical sequence of courses and core concepts every AFNR student should know.



FOR THE PROGRAM

CASE enhances the level of STEM education in agriculture.

Alignment to National AFNR, Next Generation Science, and Common Core Math and English Language Arts Standards.

Comprehensive, thorough online End-of-Course assessments.

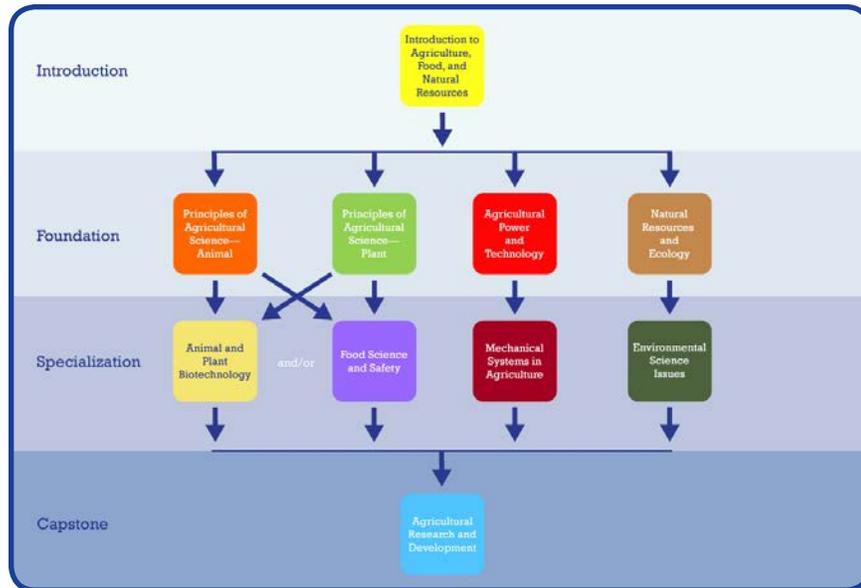


“Compared to the classes I have taught in the past, I must say that this is by far the best class I have ever taught. The curriculum is so in depth, but simple enough at the same time to be able to reach each and every student’s individual needs. Teaching this class has shown me a new way to teach.” - Casey Jones, CASE Master Teacher, Slanton, TX

“Without RELATIONSHIPS and RELEVANCE, there can be no RIGOR. CASE incorporates the three R’s with the three circles of agricultural education.”

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BRINGING CASE TO YOUR CLASSROOM

HOW DO I BRING CASE TO MY PROGRAM?

Attend a CASE Institute professional development workshop for the course you choose to teach. Assemble the equipment and supplies needed to teach the CASE course according to the list provided. Start teaching CASE and generate student excitement about agricultural education.



“You can’t put a price tag on curriculum that promotes critical thinking, real world relevance, and rigor for your students. CASE provides an excellent environment for learning and collaboration between teachers from all over the U.S. Everything I take back to my school will be invaluable.”

**- Ashley Norwood,
Lanesville Junior
Senior High School, IN**



WHAT ARE CASE INSTITUTES?

CASE Institutes are intensive professional development workshops that prepare a teacher to provide instruction using the CASE model.

WHAT ARE THE COSTS OF CASE?

To receive the CASE curriculum, a teacher must attend a CASE Institute. CASE Institute registration fees range from \$1800-\$3000.

Institutes are held in a variety of locations throughout the U.S., so travel costs (which are not included in the registration fee) will vary.

The cost for CASE supplies and equipment will vary, depending on your program’s situation. For details and help determining the cost of implementing CASE in your program, visit www.case4learning.org and look under the Purchasing Manual tab.