

Want to start using CASE in your agricultural education program?

Attend a CASE Institute!



- CASE Institutes are intense professional development led by practicing CASE teachers.
- The CASE curriculum is free to those who successfully complete a CASE Institute.
- Institutes are hosted by affiliated universities and colleges across the United States each summer.
- CASE teachers receive complimentary updates to the curriculum and many other services throughout their careers.
- For a complete listing of upcoming CASE Institutes and certification information, please visit www.case4learning.org and click on "Professional Development."

CASE



STEM
EDUCATION
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Science Technology Engineering Mathematics
Affiliate Member

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**INTRODUCTION TO
AGRICULTURE, FOOD,
AND NATURAL RESOURCES**



CASE

*Curriculum for Agricultural
Science Education*

CASE PROGRAM OF STUDY

“Career and Technical Education students should follow a program of study made up of a purposeful sequence of rigorous courses to build student knowledge and skills.”
– recommendation in Perkins reauthorization



Introduction to Agriculture, Food, and Natural Resources



All CASE pathways begin with the *Introduction to Agriculture, Food, and Natural Resources* course, then branch into four areas which focus on animals, plants, agricultural engineering, and natural resources.

Schools may choose to offer one or more of the pathways based on student interest and staffing. Courses progress from the introduction course through foundation and specialization-level courses. All CASE pathways culminate with the capstone course *Agricultural Research and Development*.

Introduction to Agriculture, Food, and Natural Resources

Introduction to Agriculture, Food, and Natural Resources introduces students to the range of agricultural opportunities, the pathways of study they may pursue, and the science, mathematics, reading, and writing components they will use throughout the curriculum. Woven throughout the course are hands-on activities and practical applications designed to develop and improve employability skills of students. Students will explore career and post-secondary opportunities in each area of the course.

Introduction to Agriculture, Food, and Natural Resources

Students will learn to:

- Solve problems
- Conduct research
- Analyze data
- Work in teams
- Take responsibility for their work, actions, and learning

Lessons are aligned with national standards for:

- Agriculture
- Science
- Mathematics
- English Language Arts

CASE provides teachers hands-on professional development to facilitate instruction.

