

Clifton-Clyde High School
Introduction to Agricultural Education

Course Length: 152.5 Hours, 1 Credit
Grade Level: 9
Prerequisites: None
Teaching Resources: *FFA Student Handbook*, 2006
FFA Official Manual, 2006-07
KAAE Electronic Recordbook
Agricultural Mechanics: Fundamentals & Applications, 2nd Edition, Copyright 1992, Elmer L. Cooper
Fundamentals of Welding, 2nd Edition, MAVCC
Lincoln Electric CD-ROM Set
Introductory Horticulture, 4th Edition, Copyright 1991, H. Edward Reiley & Carroll L. Shry, Jr.

Course Description: This course is designed to provide the student with an introduction into agricultural education. We will study the history of the FFA and how the organization grew. Learn about record keeping and the FFA Record Book. Students will be taught information about animals and plants. Finally we will spend some time in the shop developing our ag mechanics skills.

Course Outline:

- I. Agricultural Education Program
 - A. 3 parts of a complete program
 - B. Definition of SAE, FFA, Classroom/Lab

- II. FFA History
 - A. Dates in history
 - B. Development of the organization
 - C. Student Activities:
 1. Develop timeline of events

- III. FFA Organization
 - A. FFA mission and strategies
 - B. Organizational structure
 - C. FFA membership
 - D. FFA emblem
 - E. Official colors
 - F. FFA motto
 - G. FFA Creed
 - H. Official Dress
 - I. FFA Jacket
 - J. Code of Ethics
 - K. Student Activities
 1. Prepare for Greenhand Conference

- IV. Chapter Involvement
 - A. Program of activities
 - B. Officers
 - C. Officer stations and emblems
 - D. Order of business
 - E. Official ceremonies
 - F. Parliamentary Procedure
 - G. Student Activities:
 - 1. Sign-up for a POA committee
 - 2. Prepare and compete in the Greenhand Ritual and Par-Law
 - 3. Meet the officers and introduce themselves

- V. Other Opportunities
 - A. National FFA Center
 - B. National FFA Convention
 - C. State FFA Convention
 - D. FFA Leadership Series
 - E. International programs
 - F. Student Activities:
 - 1. Earn points to attend conventions
 - 2. Attend leadership workshop

- VI. Member Opportunities and Awards
 - A. FFA degrees
 - B. Star awards
 - C. H.O. Sargent award
 - D. Career development events
 - E. Proficiency awards
 - F. Student Activities:
 - 1. Fill out Greenhand Degree application
 - 2. Fill out proficiency award

- VII. Chapter Opportunities and Awards
 - A. National chapter award program
 - B. Community programs

- VIII. Animal Sex Names
 - A. Scientific Names
 - B. Offspring
 - C. Young Female
 - D. Adult Female
 - E. Adult Male
 - F. Castrated Male

- IX. Plant Parts and Functions
 - A. Parts of a Plant
 - B. Root Structure
 - C. Root Systems
 - D. Internal Stem Structure
 - E. External Stem Structure
 - F. External Leaf Structure
 - G. Internal Leaf Structure
 - H. Flowers, Fruits, and Seeds
 - I. Student Activities:
 - 1. Dissect a carrot to identify internal structure
 - 2. Dissect a flower to identify parts

- X. Record Keeping
 - A. Record Keeping
 - B. Income, Expense, Inventory
 - C. FFA Record Book
 - D. Student Activities
 - 1. Complete inventory page and begin income and expense

- XI. Arc Welding
 - A. Parts
 - B. Safety equipment and procedures
 - C. Electrodes
 - D. Welding joints
 - E. Student Activities:
 - 1. Complete a bead, butt, lap and tee with E6011