

Georgia FFA Association



Career & Leadership Development Events

**Descriptions and
Agriculture, Food & Natural Resources Course Standards
Links**

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About the FFA

The FFA is an integral part of the agriculture classroom in over 8,700 schools across America. It's practical, hands-on learning skills for farming, agribusiness and leadership. For more than 100 years, FFA has been a vital part of the fabric of quality education for nine major career areas.

FFA IS FOR ALL! More than 760,000 young people are involved in FFA annually. In Georgia, over 73,000 students are FFA members.

FFA MEMBERS MAKE A COMMITMENT! FFA members make a long-term commitment to studying the many facets of agriculture and agribusiness for four or more years. Additionally, they invest after school and summer hours through their jobs, conferences, conventions, and agricultural experience programs.

The FFA mission is to make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

To accomplish this mission, FFA:

- helps to develop competent and assertive agricultural leadership traits;
- increases awareness of the global and technological importance of agriculture and its contribution to our well-being;
- strengthens the confidence of agriculture students in themselves and their work;
- promotes the intelligent choice and establishment of an agricultural career;
- encourages achievement in supervised agricultural experience programs;
- encourages wise management of economic, environmental and human resources;
- develops interpersonal skills in teamwork, communications, human relations and social interaction;
- builds character and promotes citizenship, volunteerism and patriotism;
- promotes cooperative attitudes among all people;
- promotes healthy lifestyles; and
- encourages excellence in scholarship.

About Career & Leadership Development Events

The primary goal of Georgia FFA Association career development events and award programs is to develop individual responsibilities, foster teamwork and promote communication while recognizing the value of ethical competition and the value of individual achievement. The role of these events and award programs is to motivate students and encourage leadership, personal growth, citizenship and career development.

Career and leadership development events and award programs should be an outgrowth of instruction and should recognize the value and contributions of the experiences and aspirations of individual members. The events and award programs should:

- include problem solving and critical thinking;
- promote an appreciation for diversity by reducing barriers to participation;
- promote new directions and focus on future needs of members and society;
- include cooperative activities;
- recognize excellence within levels of experience and ability;
- recognize individual and team achievement, develop general leadership; and
- provide recognition for superior performance at the local, state and national levels.

Agricultural Communications Career Development Event

Purpose

The program prepares FFA members who are planning on pursuing a degree in agricultural communications. It is designed to enable students to conquer the various different situations they may encounter while advocating agriculture in the public sector.

The Competition

This 4-person team event helps students prepare for careers in journalism, radio and TV broadcast, web design, marketing and more. Team members will attend an actual news conference then use the information gathered to complete individual practicums in journalistic writing, opinion writing, video production, and web design. Team members will also compete together in an editing exercise and a general communication quiz.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AML-3	Analyze characteristics of the agribusiness industry.
AFNR-AML-15	Apply communications techniques in agribusiness.
AFNR-AML-17	Explore the importance of community relations and public service.
AFNR-AMTI-3	Identify careers in the Agriculture Mechanics industry in the areas of agricultural construction, agricultural electrical systems, welding and metal fabrication, and agricultural power machinery.
AFNR-ASB-4	Describe the various phases, segments, trends, consumption, and economic scope of the large animal industry.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-3	Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.
AFNR-BAS-4	Recognize how agriculture meets human needs today, in the past, and for the future.

Agricultural Education Leadership Development Event

Purpose

The Agricultural Education LDE is designed for FFA members to develop, practice and demonstrate skills in teaching agricultural education. Each part of the event simulates, as closely as possible, real-world classroom teaching and learning activities and procedures.

The Competition

The event consists of four phases:

Lesson Plan – The participant will create a lesson plan that includes each of the following: anticipatory set, one learning objective, content, content questions, teaching procedures, closure, and assessment. The lesson plan has to be a result of the student's own efforts.

Delivering the Lesson – A student centered, engaging lesson will be taught to a panel of judges. Lessons need to be 10-12 minutes long.

Oral Questions – All questions will be focused on how to deal with real-life scenarios related to being an agricultural education teacher.

Written Test - Participants answer 25 objective-type multiple choice questions related to teaching secondary agricultural education.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

Agricultural Electrification Career Development Event

Purpose

The purpose of the Agricultural Electrification Career Development Event is to provide participants the skills necessary for wiring basic circuits safely to industry standards. The student must justify fundamental safety rules and demonstrate the proper use of electrical tools.

The Competition

Students participate in three categories:

Presentation/Demonstration Activity - Participants present a four to six-minute speech/demonstration on an electrical energy-related topic determined by a committee.

Problem-Solving - Students answer thirty problem-solving items pertaining to electrical wiring and rural electrification.

Wiring Problem - Each participant completes an assigned wiring problem with judging based on the current edition of *The National Electrical Code*. Problems are evaluated on workability, safety, efficiency, time required and neatness.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AMTI-3	Identify careers in the Agriculture Mechanics industry in the areas of agricultural construction, agricultural electrical systems, welding and metal fabrication, and agricultural power machinery.
AFNR-AMTI-7	Demonstrate appropriate knowledge of electrical terms and theory, and explain the operating principles of various types of electrical circuits.
AFNR-AMTI-8	Demonstrate skills in selecting tools, conductors, devices, electrical enclosures and related materials necessary for planning and installation of electrical circuits for agricultural and residential applications.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-3	Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.

Agricultural Mechanics Career Development Event

Purpose

Technological advances in American agriculture continue to influence the way students must prepare for their futures. Students entering the workforce need a strong knowledge base and the ability to comprehend processes common to agricultural mechanics.

The Competition

Teams consist of four members. Each team member will compete in each of three (3) areas of Electricity, Compact Equipment, and Structures. Problem Solving and skills will be a part of each of the three areas. There will be a team activity that could come from any of five (5) areas: Machinery & Equipment, Electricity, Compact Equipment, Structures, and Environmental & Natural Resources. There will be a twenty-five question multiple choice test. Questions may be drawn from any of the three agricultural technology and mechanical system skill areas.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AMTI-3	Identify careers in the Agriculture Mechanics industry in the areas of agricultural construction, agricultural electrical systems, welding and metal fabrication, and agricultural power machinery.
AFNR-AMTI-4	Recognize potential hazards in agricultural mechanics, identify how to create a safe work environment, and demonstrate proper safety practices.
AFNR-AMTI-5	Identify and explain the correct use of common woodworking hand tools and layout tools used in woodworking and agricultural construction.
AFNR-AMTI-7	Demonstrate appropriate knowledge of electrical terms and theory, and explain the operating principles of various types of electrical circuits.
AFNR-AMTI-8	Demonstrate skills in selecting tools, conductors, devices, electrical enclosures and related materials necessary for planning and installation of electrical circuits for agricultural and residential applications.
AFNR-AMTI-9	Define shielded metal arc welding, describe types of welded joints and weld positions, compare and contrast metals for use in the construction of agricultural structures and equipment, explain the appropriateness of electrodes for various metals and weld applications, demonstrate the ability to select the proper welding amperage for various metal thicknesses and joint types and demonstrate skills necessary to prepare metals and weld joints with the shielded arc welding process.
AFNR-AMTI-10	Demonstrate and describe the proper set-up and use of the oxy-fuel welding and cutting outfit for cutting steel and welding various material thicknesses and joint types.
AFNR-AMTI-11	Describe the operating principles of a four-stroke engine, identify and describe the function of the major components of small, four stroke/cycle engines and identify and explain proper maintenance procedures for four stroke cycle engines in accordance with the manufacturer's recommendations.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-7	Demonstrate knowledge of physics used in agriculture as it relates to work, power, simple machines, and both past and present machinery used in the agricultural industry.

Agricultural Sales Career Development Event

Purpose

The Agricultural Sales CDE is designed to develop the skills that are necessary to be successful in sales. The purpose of the agricultural sales career development event is to provide an individual with the basic skills to take advantage of the career opportunities offered in the sales field.

The Competition

The State and Area Agricultural Sales CDE consists of two parts; an individual written exam and a team sales activity. The top four State Agricultural Sales CDE teams will also complete a team activity. Agricultural Sales CDE teams consist of four members on the Area and State level.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-3	Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.
AFNR-MAPS-3	Analyze the basic methods and strategies of agricultural marketing.
AFNR-MAPS-4	Demonstrate principles of salesmanship and customer service.
AFNR-MAPS-5	Evaluate agricultural business organizations and interpersonal networks.
AFNR-MAPS-6	Conduct agricultural product and service market research.
AFNR-MAPS-7	Demonstrate advertising and promotion techniques for agricultural products and services.
AFNR-MAPS-8	Develop and implement marketing strategies and plans for an agricultural product or service.
AFNR-MAPS-9	Explore the channels of distribution of agricultural products and services.
AFNR-MAPS-10	Explain banking and lending practices associated with the agribusiness industry.
AFNR-MAPS-11	Evaluate and reduce associated risks in agribusiness.
AFNR-MAPS-12	Conduct an investment analysis for an agribusiness
AFNR-MAPS-13	Utilize basic computer programs, systems, and technology in marketing agricultural products and services.

Agricultural Technology & Equipment ID Career Development Event

Purpose

The purpose of the Agricultural Technology and Equipment Career Development Event is to provide an opportunity for students in grades 6-9 to practice those skills and abilities developed as a regular part of the agricultural education curriculum. The CDE is designed as an introductory event that will provide experience in agricultural mechanics and assess the knowledge gained from classroom instruction.

The Competition

Teams will consist of four members. Each team member will complete a skill practicum activity from one of three rotational areas (electricity, woodworking, or reading an automatic level). There will be a tool/equipment identification test containing twenty-five items. There will be a measurement activity containing no more than ten stations. There will also be a written test (25 questions) based on information from the designated skill area and basic safety information taken from the references designated by the state committee.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

AFNR-BAS-7 Demonstrate knowledge of physics used in agriculture as it relates to work, power, simple machines, and both past and present machinery used in the agriculture industry.

Middle School Georgia Performance Standards and Elements

MSAGED 7-7 Use principles of engineering to solve problems in agricultural settings.

MSAGED 8-7 Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Agricultural Mechanics.

Conduct of Chapter Meetings Leadership Development Event

Purpose

By participating in the Conduct of Chapter Meetings LDE, students in grades 6-9 will be able to: 1) demonstrate correct use of the FFA Opening and Closing Ceremonies; 2) Demonstrate parliamentary procedure to conduct an orderly efficient meeting; 3) Communicate and participate effectively as a team member; and 4) Demonstrate critical thinking and teamwork for effective decision making.

The Competition

Teams will consist of seven members representing the six constitutional office positions and a student advisor. The event will have four phases: a twenty-five question written exam, FFA Opening Ceremonies, a team parliamentary procedure presentation, FFA Closing Ceremonies, and oral questions.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4 Establish an understanding of Agricultural Education Programs.

MSAGED 7-3 Apply principles of leadership, personal growth and career success through activities of the National FFA Organization.

MSAGED 8-2 Describe, illustrate, and apply information pertaining to current events, trends, and research of the total Three-Component Model of Agricultural Education.

Creed Speaking Leadership Development Event

Purpose

The Creed Speaking CDE is designed to foster agricultural leadership in younger members. By developing premier leadership and personal growth, students learn speaking skills and respect for the history of the FFA.

The Competition

Participants must recite the FFA Creed from memory within a 4-minute time limit. After the presentation, participants answer three questions by the judges indicating familiarity with the subject and the ability to think quickly.

Participants are judged on Oral Communication, Non-Verbal Communication, and Question & Answer.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4 Establish an understanding of Agricultural Education Programs.

MSAGED 7-3 Apply principles of leadership, personal growth and career success through activities of the National FFA Organization.

MSAGED 8-1 Demonstrate employability skills required by business and industry.

MSAGED 8-2 Describe, illustrate, and apply information pertaining to current events, trends, and research of the total Three-Component Model of Agricultural Education.

Dairy Cattle Evaluation Career Development Event

Purpose

The Dairy Cattle Evaluation CDE is designed to provide a competitive event for agriculture education students, emphasizing skills in dairy cattle evaluation, selection, and dairy herd management. This event develops student's skills in observation, analysis, communication and team collaboration and also provides experience in the evaluation of dairy cattle type, production records and dairy herd management.

The Competition

Participants in the Dairy Cattle Evaluation CDE will place in order of relative merit, a maximum of four classes of dairy cows or heifers. Oral reasons in defense of their placing will be given on two of the classes. Additionally, a Dairy Management Exercise consisting of 20 multiple-choice questions will be administered. A team consists of a maximum of four members.

Agriculture, Food, & Natural Resources Course Standards

AFNR-ASB-6	Describe the various phases, segments, trends, consumption and economic scope of the dairy industry.
AFNR-AAPM-15	Identify the dairy cattle breeds and determine required feeding, production management practices, and uses of dairy products.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-3	Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.

Middle School Georgia Performance Standards and Elements

MSAGED6-6	Demonstrate an understanding of the area of animal science.
MSAGED7-5	Investigate the production of livestock, poultry, and dairy animals.
MSAGED8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Discussion Meet

Leadership Development Event

Purpose

The Discussion Meet is patterned after the National Farm Bureau Young Farmer Discussion Meet. Students discuss topics in a way that leads to constructive ideas and problem solving. The Discussion Meet Career Development Event is designed to teach the three fundamental bases of discussion: constructive criticism, cooperation and communication. The role of the contestants is to exchange ideas and information in order to solve a problem.

The Competition

The event involves a moderator and four contestants. The moderator introduces a preselected topic, starts the discussion, keeps the discussion on track and sees that no one monopolizes the time.

With the three fundamental bases of general discussion (constructive criticism, cooperation and communication) in mind, the participants' responsibility is to exchange ideas and information in an effort to solve a problem. The participants will be judged on the following areas: Delivery, Problem Solving and Implementation, Cooperative Attitude, Analysis of Topic or Problem, Opening Statement, and Closing Statement.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AML-15 Apply communications techniques in agribusiness.

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

AFNR-BAS-3 Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.

AFNR-BAS-4 Recognize how agriculture meets human needs today, in the past, and for the future.

Employment Skills Leadership Development Event

Purpose

The Employment Skills LDE is designed for FFA members to develop, practice, and demonstrate skills needed in seeking employment in the agricultural industry. Students select a job they are qualified for, prepare a cover letter and resume, and interview for the job. Each part of the event simulates “real world” activities that will be used by real world employers. The Employment Skills LDE is an individual event. The event is developed to help participants in their current job search for part-time and full-time employment.

The Competition

The Employment Skills LDE requires the development of a Cover Letter and Resume to be given to the LDE Superintendent. Participants will also complete three phases: Application, Personal Interview, and Follow Up Correspondence.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AML-16	Practice human resource management methods for leading individuals and groups to understand the importance, types, and processes of effective teambuilding.
AFNR-BAS-1	Demonstrate employability skills required by business and industry.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-4	Recognize how agriculture meets human needs today, in the past, and for the future.

Environmental/Natural Resources Career Development Event

Purpose

The Environmental/Natural Resources CDE is a four-person team event. It is designed to develop an understanding of our state's natural resources, while allowing students to explore and prepare for possible careers in Natural Resources and Environmental Science. Georgia possesses a vast wealth of Natural Resources. The purpose of the Environmental/Natural Resources CDE is to acquaint students with the different areas of the Natural Resources that are found throughout the State and to foster skill development in each student's chosen area of study.

The Competition

The Area CDE will involve: an exam (all four students will take an exam as a team), identification (all four students participate individually), and a GPS practicum (all four students participate individually)

The State CDE will involve: an exam (all four students take an exam individually), identification (all four students participate individually), a GPS practicum (all four students participate individually), and a team activity (all four team members will work together).

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

AFNR-BAS-10 Demonstrate basic skills in natural resource management.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4 Establish an understanding of Agricultural Education Programs.

MSAGED 7-6 Explain sustainable approaches in wildlife and natural resource management.

MSAGED 8-5 Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Forestry and Natural Resources.

Extemporaneous Public Speaking Leadership Development Event

Purpose

The Extemporaneous Public Speaking LDE is designed to develop agricultural leadership in FFA members. It aims to provide the opportunity for personal growth and premier leadership by enhancing the speaking skills of participants. The event also encourages civic participation and cultivates a better knowledge of agriculture among participants. Participants in the Extemporaneous Public Speaking LDE present a speech they prepare in the allowed time to a panel of judges. Once their presentation is complete, they respond to questions from the judges and are scored individually by each judge.

The Competition

Selection of topics is held 30 minutes before the event. The participants draw three topics, selected at random from a pool of 18, related to the agriculture industry, specifically agricultural literacy and advocacy, current agricultural issues, advancing agriculture through agricultural science, current technology use and application in agriculture, agricultural marketing and international agricultural, and food and fiber systems. Participants have a total of 30 minutes to draw their topics and prepare their speech. After the presentation, participants answer questions from the judges.

The participants' scores are based on three categories: oral communication, non-verbal communication, and response to questions.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-3	Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.
AFNR-BAS-4	Recognize how agriculture meets human needs today, in the past, and for the future.

Farm & Agribusiness Management Career Development Event

Purpose

The Farm & Agribusiness Management CDE is designed to teach management skills and critical and analytical thinking. It encourages and fosters the education of students in business management. In the Farm & Agribusiness Management CDE, students complete a multiple-choice test individually and a problem-solving activity as a team to demonstrate their understanding of business management practices.

The Competition

The Farm & Agribusiness Management CDE consists of two parts:

Multiple-Choice Test - This test is designed to test a participant's understanding of economic principles taught in farm and agribusiness management. Each participant will complete this portion individually.

Problem Solving - This part of the event tests the ability to use decision-making and problem-analysis skills while applying the economic principles and concepts taught in farm and agribusiness management. Participants will work as a team to complete this portion.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-AML-3	Analyze characteristics of the agribusiness industry.
AFNR-AML-5	Examine and apply the basic principles of agricultural economics.
AFNR-AML-6	Compare and contrast the factors involved in starting and operating an agribusiness.
AFNR-AML-8	Use cost and returns analysis to determine the profitability of an agribusiness.
AFNR-BAS-3	Explore, develop and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.

FFA Quiz

Career Development Event

Purpose

The FFA Quiz Career Development Event is designed to develop personal growth and premier leadership in younger members. They are able to gain recognition for their efforts in learning FFA history and facts as well as parliamentary procedure. Participants in the FFA Quiz take a written examination and finalists answer oral questions from the event superintendent.

The Competition

Participants are given both an oral and written examination. The written test questions will come from the following sources: Official FFA Manual, FFA Student Handbook, New Horizons magazines from the previous twelve months, and the Georgia New Horizons Insert from the previous twelve months. There will be 50 multiple-choice questions on the exam; 40 over FFA and 10 covering parliamentary procedure. Each contestant will be allowed one hour to complete the exam. The Oral Examination Questions will only come from the Official FFA Manual and FFA Student Handbook. There will be five oral questions; four over FFA and one over parliamentary procedure.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4 Establish an understanding of Agricultural Education Programs.

MSAGED 7-3 Apply principles of leadership, personal growth and career success through activities of the National FFA Organization.

MSAGED 8-2 Describe, illustrate, and apply information pertaining to current events, trends, and research of the total Three-Component Model of Agricultural Education.

Floral Design Career Development Event

Purpose

The Floral Design Career Development Event will test students' knowledge in floral plant identification and their skill in completing a specific floral design and will evaluate their knowledge of the floral industry. This Career Development Event is intended to stimulate career interest, encourage proficiency development, and recognize excellence in students of floral design through the agriculture education curriculum.

The Competition

Contestants will receive a scenario at both the Area and State CDEs. All designs should reflect the scenario given. Area CDE contestants will be asked to make one floral design arrangement announced at the start of the event. The CDE will be conducted in three phases at the area level: floral design arrangement, identification of floral plant materials and tools, and a written exam. State CDE contestants will be asked to design two arrangements based on provided scenarios. The CDE will be conducted in five phases at the state level: floral design arrangement, arrangement itemized list of costs, identification of floral plant materials and tools, written exam, and selling one on one.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-13	Explain and demonstrate basic plant science principles including plant health, growth and reproduction.
AFNR-FPM-18	Explore the use of floral design skills in the preparation, presentation, and marketing of floriculture crops.

Middle School Georgia Performance Standards and Elements

MSAGED 6-5	Express the knowledge of the area of horticulture.
MSAGED 7-3	Apply principles of leadership, personal growth, and career success through activities of the National FFA Organization.
MSAGED 8-4	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Plant Science.

Floriculture

Career Development Event

Purpose

The Floriculture CDE is a team event that includes identification of plant materials and disorders, as well as a hands-on problem solving and written exam involving the production, use of plant material and their maintenance, related products, equipment and services. This Career Development Event is intended to stimulate career interest, encourage proficiency development, and recognize excellence in students of floriculture production and maintenance through the agriculture education curriculum.

The Competition

The Floriculture Career Development Event is conducted in four phases: Identification of Plants, Tools, and Materials, Problem Solving, General Knowledge, and Disorders Identification. Each participant will complete each of the four phases individually.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-13	Explain and demonstrate basic plant science principles including plant health, growth and reproduction.
AFNR-FPM-3	Analyze the floriculture industry and discuss the basics of floriculture science, production, and distribution.
AFNR-FPM-5	Discuss how plants grow and describe factors that affect plant growth.
AFNR-FPM-8	Determine the cause and effect of environmental control systems in a greenhouse.
AFNR-FPM-9	Investigate the different types of floriculture growing media and determine the appropriate use for various growing situations.
AFNR-FPM-10	Discuss the selection of floriculture containers.
AFNR-FPM-11	Describe sexual plant reproduction.
AFNR-FPM-12	Describe asexual plant propagation.
AFNR-FPM-15	Analyze the use of fertilizers for floriculture crops.
AFNR-FPM-16	Identify plant pests and pest control practices for floriculture crops.

Middle School Georgia Performance Standards and Elements

MSAGED 6-5	Express the knowledge of the area of horticulture.
MSAGED 7-3	Apply principles of leadership, personal growth, and career success through activities of the National FFA Organization.
MSAGED 8-4	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Plant Science.

Forestry

Career Development Event

Purpose

The Forestry Career Development Event is an activity, which provides opportunities for FFA members to demonstrate their technical and management skills in forestry. The purpose of the Forestry Career Development Event is to promote forestry instruction and to provide recognition for those who have demonstrated skills and competencies as a result of forestry instruction.

The Competition

Each chapter is limited to four participants. The Area Forestry Career Development Event consists of 4 individual events: Forest Management/Timber Stand Improvement, Timber Cruising/Board Foot Volume, Tree Identification, and Hand Compass Practicum. The State CDE will include a team activity and a fifty-question exam that is completed by each team member.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-10	Demonstrate basic skills in natural resource management.
AFNR-FS-2	Orient and apply the comprehensive program of agricultural education, learn to work safely in the agricultural lab and work sites, demonstrate selected competencies in leadership through the FFA and agricultural industry organizations, and develop plans for a Supervised Agricultural Experience Program (SAEP).
AFNR-FS-4	Recognize potential hazards in forestry and identify procedures for first-aid and safety.
AFNR-FS-7	Connect concepts to explain an understanding of forest regeneration principles and practices.
AFNR-FS-8	Summarize to be able to explain the knowledge and skills necessary to evaluate and regulate timber stand growth for various forest objectives.
AFNR-FS-9	Analyze standard industry forest measurement methods used for forest product inventory.
AFNR-FS-10	Identify and explain methods of controlling undesirable and invasive forest tree species based upon prescribed forest management objectives.
AFNR-FS-11	Identify and classify forest disorders and prescribe methods of control.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4	Establish an understanding of Agricultural Education Programs.
MSAGED 7-6	Explain sustainable approaches in wildlife and natural resources management.
MSAGED 8-5	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Forestry and Natural Resources.

Forestry Field Day

Purpose

The Forestry Field Day is an activity, which provides opportunities for FFA members to demonstrate their technical and management skills in forestry. The purpose of the Forestry Career Development Event is to promote forestry instruction and to provide recognition for those who have demonstrated skills and competencies as a result of forestry instruction.

The Competition

Each chapter is limited to eleven participants. The Area Forestry Career Development Event consists of 10 events: Reforestation, Timber Stand Improvement, Estimating Pulpwood Volume from Standing Trees, Estimating Sawtimber Volume from Standing Timber, Dendrology, Ocular Estimation of Tree Heights and Diameters, Land Measurement, Hand Compass Course, Forest Management, and Tree Disorders. The State CDE will include a team activity to be completed by four members of the team.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-10	Demonstrate basic skills in natural resource management.
AFNR-FS-2	Orient and apply the comprehensive program of agricultural education, learn to work safely in the agricultural lab and work sites, demonstrate selected competencies in leadership through the FFA and agricultural industry organizations, and develop plans for a Supervised Agricultural Experience Program (SAEP).
AFNR-FS-4	Recognize potential hazards in forestry and identify procedures for first-aid and safety.
AFNR-FS-7	Connect concepts to explain an understanding of forest regeneration principles and practices.
AFNR-FS-8	Summarize to be able to explain the knowledge and skills necessary to evaluate and regulate timber stand growth for various forest objectives.
AFNR-FS-9	Analyze standard industry forest measurement methods used for forest product inventory.
AFNR-FS-10	Identify and explain methods of controlling undesirable and invasive forest tree species based upon prescribed forest management objectives.
AFNR-FS-11	Identify and classify forest disorders and prescribe methods of control.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4	Establish an understanding of Agricultural Education Programs.
MSAGED 7-6	Explain sustainable approaches in wildlife and natural resources management.
MSAGED 8-5	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Forestry and Natural Resources.

Horse Evaluation Career Development Event

Purpose

Participants in the Horse Evaluation CDE will evaluate both conformation and performance of a variety of horse breeds. Contestants will also present oral reasons on selected classes to defend their selection decisions. The Horse Evaluation CDE is designed to develop the ability to select and evaluate both conformation and performance in horses.

The Competition

The senior event consists of four phases: placing classes (Halter and Performance), oral reasons (Halter and Performance), exam, and team activity (problem solving). The junior event consists of three phases: placing classes (Halter and Performance), oral reasons (Halter and Performance), and exam.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AAPM-13	Identify and describe the breeds of horses and determine required feeding, production management practices, and uses of horses.
AFNR-ASB-4	Describe the various phases, segments, trends, consumption, and economic scope of the large animal industry.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.

Middle School Georgia Performance Standards and Elements

MSAGED 6-6	Demonstrate an understanding of the area of animal science.
MSAGED 7-5	Investigate the production of livestock, poultry and dairy animals.
MSAGED 8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Land Evaluation

Career Development Event

Purpose

The Land Evaluation CDE is designed to develop skills in determining soil characteristics and determining land capability classes based upon the characteristics. Skills are also developed in determining the agricultural land use and land treatment practices that should be applied to conserve soil and water while utilizing the land for its most intensive use. The Land Judging CDE is a team event with four team members. Participants classify land into the land capability classes developed by the Soil Conservation Service. The participants also determine the recommended agricultural land use and land treatment practices based upon the land class and field conditions.

The Competition

The CDE will consist of classifying and determining land treatment practices for four sites (fields). Participants view a selected site and determine the following:

Class Factors and Land Class - the slope of the land, topsoil thickness, erosion, topsoil texture, permeability of subsoil, drainage, effective depth of soil and classes eliminated by the land factor characteristic.

Recommended Land Use and Treatment - land use for the field and land treatment practices (vegetative, mechanical and plant nutrients).

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-6	Describe soil formation and management and assess its relevance to plant/animal production and natural resources management.
AFNR-BAS-12	Apply principles of environmental science as it relates to agricultural production and sustainability.
AFNR-NRM-5	Describe the properties of soil and nutrient analysis, determine the capability of the land and the effects of erosion, and describe soil stewardship in Georgia.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4	Establish an understanding of Agricultural Education Programs.
MSAGED 7-6	Explain sustainable approaches in wildlife and natural resources management.
MSAGED 8-5	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Forestry and Natural Resources.

Lawnmower Operations & Maintenance Career Development Event

Purpose

The Lawnmower Operations & Maintenance contest is designed to develop skills in operating commercial lawnmowers and various pieces of machinery safely, as well as maintaining the commercial lawnmower in a safe and productive matter.

The Competition

The Lawnmower Operations & Maintenance contest is an individual event, with three parts.

1. The contestant will answer questions on a written exam dealing with lawnmower operations, maintenance, and safety.
2. The contestant will have to determine the problem and the best solution to the problem in ten problem solving questions.
3. The contestant will have a practical driving test where he/she will exhibit his/her skills in driving a commercial Zero Turning Radius (senior) or riding (junior) lawnmower through a designed course.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-7	Demonstrate knowledge of physics used in agriculture as it relates to work, power, simple machines, and both past and present machinery used in the agricultural industry.
AFNR-AMTI-11	Describe the operating principles of a four-stroke engine, identify and describe the function of the major components of small, four-stroke/cycle engines and identify and explain proper maintenance procedures for four-stroke/cycle engines in accordance with the manufacturer's recommendations.
AFNR-AMTI-12	Demonstrate and explain the skills necessary to safely and efficiently operate agricultural tractors and related equipment including mowers used in lawn maintenance.
AFNR-NL-4	Identify tools and equipment and explain their function in the nursery and landscape industries.

Middle School Georgia Performance Standards and Elements

MSAGED 6-4	Establish an understanding of Agricultural Education Programs.
MSAGED 7-7	Use principles of engineering to solve problems in agricultural settings.
MSAGED 8-7	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Agricultural Mechanics.

Livestock Evaluation Career Development Event

Purpose

The Livestock Evaluation CDE is designed to develop the ability to select and market livestock that will satisfy consumer demands and provide increased economic returns to producers. Participants in the Livestock Evaluation CDE will evaluate breeding and market cattle, swine & sheep and goats. Contestants will also present oral reasons on selected classes to defend their selection decisions. Performance data will also be included in keep/cull and placing classes of breeding animals. Feeder cattle will be evaluated using USDA standards.

The Competition

The Senior Livestock Judging Career Development Event includes five phases of competition: placing classes, keep/cull class, oral reasons, team activity, and written livestock management test. The Junior Livestock Judging Career Development Event includes four phases of competition: placing classes, oral reasons, team activity, and written livestock management test.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AAPM-3	Demonstrate the knowledge and importance of the livestock industry to the United States.
AFNR-AAPM-10	Identify and describe the breeds of beef cattle and determine required feeding and production management practices.
AFNR-AAPM-11	Identify and describe the breeds of swine and determine required feeding and production management practices.
AFNR-AAPM-12	Identify and describe the breeds of sheep and goats and determine required feeding and production management practices.
AFNR-ASB-4	Describe the various phases, segments, trends, consumption, and economic scope of the large animal industry.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.

Middle School Georgia Performance Standards and Elements

MSAGED 6-6	Demonstrate an understanding of the area of animal science.
MSAGED 7-5	Investigate the production of livestock, poultry, and dairy animals.
MSAGED 8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Marketing Plan Career Development Event

Purpose

The Marketing Plan CDE is a team event designed to develop an understanding of the marketing plan process, and to allow students to explore and prepare for possible careers in agri-marketing. Students research and present a marketing plan for an agricultural product, supply, or service. The Marketing Plan CDE intends for students to gain understanding of the marketing process by developing and presenting a marketing plan.

The Competition

The Marketing Plan CDE is a three-person event that consists of two phases. The Written Plan (Description of Product/Service, Analysis of the Market, Business Proposition, Strategies and Action Plan, Projected Budget, Evaluation, and Technical/Business Writing Skills) and a Live Presentation.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AML-4	Compare and contrast agribusiness, organization, and ownership.
AFNR-AML-5	Examine and apply the basic principles of agricultural economics.
AFNR-AML-7	Develop and simulate agribusiness budgets and agricultural enterprise plans
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-4	Recognize how agriculture meets human needs today, in the past, and for the future.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.
AFNR-MAPS-3	Analyze the basic methods and strategies of agricultural marketing.
AFNR-MAPS-4	Demonstrate principles of salesmanship and customer service.
AFNR-MAPS-5	Evaluate agricultural business organizations and interpersonal networks.
AFNR-MAPS-6	Conduct agricultural product and service market research.
AFNR-MAPS-7	Demonstrate advertising and promotion techniques for agricultural products and services.
AFNR-MAPS-8	Develop and implement marketing strategies and plans for an agricultural product or service.
AFNR-MAPS-9	Explore the channels of distribution of agricultural products and services.
AFNR-MAPS-10	Explain banking and lending practices associated with the agribusiness industry.
AFNR-MAPS-11	Evaluate and reduce associated risks in agribusiness
AFNR-MAPS-12	Conduct an investment analysis for an agribusiness.
AFNR-MAPS-13	Utilize basic computer programs, systems, and technology in marketing agricultural products and services

Meats Evaluation and Technology Career Development Event

Purpose

The Meats Evaluation and Technology CDE is designed to provide a competitive event for agriculture education students, develop employment skills in the meat animal industry, expand their knowledge of meat animal marketing and merchandising, develop broader analytical skills and critical thinking strategies, and develop an understanding of appropriate meat terminology. The event also develops the ability to evaluate meat animal products in order to optimize economic returns to producers and industry as well as meet the needs of the consumer.

The Competition

Participants in the Meats Evaluation and Technology CDE will complete meat formulation problem solving activity, answer a 20-question test, identify 30 retail meat cuts, quality and yield grade a maximum of 5 beef carcasses or rib steaks, place a maximum of 5 classes of carcasses or wholesale cuts, and answer 10 questions on 2 of the placing classes.

The event consists of the following phases: Written Test and Problem Solving, Retail Meat Cuts, Beef Quality and Yield Grading, Placing of Five Classes, and Question on Placing Classes.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AAPM-10	Identify and describe the breeds of beef cattle and determine required feeding and production management practices.
AFNR-AAPM-11	Identify and describe the breeds of swine and determine required feeding and production management practices.
AFNR-AAPM-12	Identify and describe the breeds of sheep and goats and determine required feeding and production management practices.
AFNR-ASB-10	Explain and address the general public's food safety and environmental concerns.
AFNR-ASB-18	Investigate the physiological and chemical properties of meat products and preservation.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.
AFNR-BAS-11	Apply principles of science to food processing to provide a safe, wholesome, and nutritious food supply.

Middle School Georgia Performance Standards and Elements

MSAGED 6-6	Demonstrate an understanding of the area of animal science.
MSAGED 7-5	Investigate the production of livestock, poultry, and dairy animals.
MSAGED 8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Nursery/Landscape Career Development Event

Purpose

The Nursery/Landscape CDE tests participant knowledge and skills in various aspects of the industry. The team event includes identification of plant materials and disorders, as well as a hands-on problem solving and written exam involving the production, design, installation and maintenance of landscape plants, related products, equipment and services.

The Competition

Each team consists of four participants. The event is conducted in five phases: Identification of Plant Materials, General Knowledge, Disorders Practicum, Landscape Practicum, and Nursery Propagation/Potting. Each participant will complete each phase individually.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-13	Explain and demonstrate basic plant science principles including plant health, growth and reproduction.
AFNR-GHPS-7	Determine the basic principles and uses of soil and plant growth media.
AFNR-GHPS-9	Explore the use of plant fertilizers and proper fertilizing methods.
AFNR-NL-5	Describe plant nomenclature, identification, and plant environmental needs.
AFNR-NL-6	Investigate the properties of soils and determine the factors that affect crop productivity and plant health.
AFNR-NL-7	Design new and existing landscape planting sites for nursery and landscape plants.
AFNR-NL-9	Create and interpret landscape plans based on industry standards and recommended practices
AFNR-NL-10	Develop a pricing strategy for landscape planning, design, and installation.
AFNR-NL-11	Identify plant pests, pest control practices, and prescribe the use of cultural, biological and chemical materials and methods to protect nursery crops and landscape plantings.

Middle School Georgia Performance Standards and Elements

MSAGED 6-5	Express the knowledge of the area of horticulture.
MSAGED 7-3	Apply principles of leadership, personal growth, and career success through activities of the National FFA Organization.
MSAGED 8-4	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Plant Science.

Parliamentary Procedure Leadership Development Event

Purpose

The Parliamentary Procedure LDE is designed to teach parliamentary law. It encourages premier leadership and personal growth and provides students with a lifelong leadership skill. The Parliamentary Procedure LDE tests students' knowledge of parliamentary law through a four-phase competition: written examination, oral questions, parliamentary presentation and the presentation of written minutes.

The Competition

The event consists of four phases:

Written Test - Participants answer 25 objective-type multiple choice questions covering basic parliamentary law as related to the permissible motions of the contest and pertaining to minutes.

Oral Questions - Each participant is asked a planned question relating to their assigned motion. Following the questions, the judges have two minutes to ask questions for clarification of the presentation.

Presentation - The team has to demonstrate the following: a main motion, two subsidiary motions, two incidental motions and one privileged or unclassified motion.

Presentation Minutes - Each team has a secretary to take minutes of the presentation. The secretary and chairperson have 30 minutes to prepare the official minutes. The minutes are then read, reviewed and graded by the judges.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2 Relate the role of the FFA student organization in the students' personal development.

Poultry Evaluation

Career Development Event

Purpose

The Georgia Poultry Career Development Event stimulates learning activities relative to production and management, processing, marketing, and consumption of poultry products. Participants in the Poultry Career Development Event will participate in a comprehensive event relating to judging, placing, grading and identifying live birds, carcasses, eggs, poultry parts, chicken patties, nuggets or tenders, presenting oral reasons, participating in a team activity and taking a management test.

The Competition

Each team may consist of four participants. The Poultry Career Development Event consists of six phases: Live Birds, Ready to Cook Poultry, Shell Eggs, Further Processed Poultry, Poultry Management Written Exam, and Team Activity.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AAPM-14	Demonstrate an understanding of the poultry industry business structure, management practices, processing procedure, and identify the equipment required for this industry.
AFNR-ASB-5	Describe the various phases, segments, trends, consumption, and economic scope of the poultry industry.
AFNR-ASB-10	Explain and address the general public's food safety and environmental concerns.
AFNR-ASB-18	Investigate the physiological and chemical properties of meat products and preservation.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.
AFNR-BAS-11	Apply principles of science to food processing to provide a safe, wholesome, and nutritious food supply.

Middle School Georgia Performance Standards and Elements

MSAGED 6-6	Demonstrate an understanding of the area of animal science.
MSAGED 7-5	Investigate the production of livestock, poultry, and dairy animals.
MSAGED 8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Prepared Public Speaking Leadership Development Event

Purpose

The Prepared Public Speaking LDE is designed to develop agricultural leadership. It aims to provide the opportunity for personal growth and premier leadership by enhancing the speaking skills of participants. The event also encourages civic participation and cultivates a better knowledge of agriculture among participants. Participants in the Prepared Public Speaking LDE present a speech they have individually prepared before a panel of judges. Once the presentation is complete, they respond to questions from the judges and are scored individually by each judge.

The Competition

Each participant is required to write his or her own speech. A copy of the speech must be submitted prior to the event. A complete bibliography must also be submitted. Participants may choose any current subject for their speech that is of an agricultural nature, including agriscience and technology, agribusiness, agrimarketing, international agricultural relations and agricultural communications. Speeches should be six to eight minutes long and an additional five minutes are allowed for questions by the judges.

Participants are judged on content of manuscript, composition of manuscript, voice, stage presence, power of expression, response to questions and general effect.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-1	Demonstrate employability skills required by business and industry.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-4	Recognize how agriculture meets human needs today, in the past, and for the future.

Middle School Georgia Performance Standards and Elements

MSAGED 6-1	Demonstrate employability skills required by business and industry.
MSAGED 7-3	Apply principles of leadership, personal growth, and career success through activities of the National FFA Organization.
MSAGED 8-2	Describe, illustrate, and apply information pertaining to current events, trends, and research of the total Three-Component Model of Agricultural Education.

Tractor Operations & Maintenance Career Development Event

Purpose

The Agricultural Tractor Operations & Maintenance CDE is designed to develop skills in operating tractors and various pieces of machinery safely, as well as maintaining the tractor and machinery in a safe and productive matter.

The Competition

The event consists of three phases:

Written Exam - Participants answer 20 multiple-choice questions on tractor servicing, safe operation, care and maintenance.

Problem Solving - Participants answer 10 multiple-choice questions relating to tractor servicing, safe operation, care and maintenance.

Tractor Driving - Participants are tested on the following tractor operations: pre-warm up procedure, attaching an implement, pulling an implement out of a shed and through a 15-degree curve, returning an implement to a shed and unhooking the implement. Participants are scored on the pre-warm up, driving the tractor and safety procedures.

Agriculture, Food, & Natural Resources Course Standards

AFNR-AMTI-4	Recognize potential hazards in agricultural mechanics, identify how to create a safe work environment, and demonstrate proper safety practices.
AFNR-AMTI-12	Demonstrate and explain the skills necessary to safely and efficiently operate agricultural tractors and related equipment including mowers used in lawn maintenance.
AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-7	Demonstrate the knowledge of physics used in agriculture as it relates to work, power, simple machines, and both past and present machinery used in the agricultural industry.

Middle School Georgia Performance Standards and Elements

MSAGED 6-1	Demonstrate employability skills required by business and industry.
MSAGED 7-7	Use principles of engineering to solve problems in agricultural settings.
MSAGED 8-7	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Agricultural Mechanics.

Veterinary Science Career Development Event

Purpose

The purpose of the Veterinary Science CDE is to promote college and career readiness by providing opportunities to develop technical knowledge and demonstrate skills in the field of veterinary science.

The Competition

Each team is comprised of four participants. The CDE is made up of three phases: a 25-question written exam, identification of equipment, parasites, and breeds/species, and a practicum consisting of handling and restraining and clinical procedures.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-9	Define major components of the animal industry and outline the development of the resulting products, services, and careers.
AFNR-VS-3	Define types of hazards common in the veterinary hospital and the organization that regulates safety standards in the workplace.
AFNR-VS-4	Distinguish the differences between sanitation, disinfection, and sterilization, and be able to identify which cleaning method should be used in any given situation.
AFNR-VS-5	Recognize and explain Greek and Latin prefixes, suffixes, and roots that compose the language of veterinary medicine, as well as dissect the meaning of veterinary terms.
AFNR-VS-6	Investigate body systems and construct a working knowledge of the function, and purpose, including the effect on diseases.
AFNR-VS-7	Define vocabulary of directional anatomical terms and identify anatomical structures of animals.
AFNR-VS-8	Critique the various regions of an animal's body and the signs of illness that may be present.
AFNR-VS-9	Perform several common veterinary hospital procedures.
AFNR-VS-10	Differentiate common internal and external parasites of small and large animals and recall both the common and the scientific names.
AFNR-VS-13	Identify the path a disease takes and assess the effects on various body systems.
AFNR-VS-15	Identify and explain the purpose of the most common breeds of animal species and discuss specific temperament/behavior characteristics of the breed.

Middle School Georgia Performance Standards and Elements

MSAGED 6-6	Demonstrate an understanding of the area of animal science.
MSAGED 7-3	Apply principles of leadership, personal growth, and career success through activities of the National FFA Organization.
MSAGED 8-6	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Animal Science.

Wildlife Management Career Development Event

Purpose

The purpose of the Wildlife Management CDE is to stimulate student interest and to promote wildlife management instruction in the agricultural education curriculum, and to provide recognition for those who have demonstrated skills and competencies as a result of instruction in wildlife management, forestry and natural resource management. The Wildlife Management Career Development Event is an activity that provides opportunities for FFA members to demonstrate their technical and management skills relating to wildlife, habitat, and regulations.

The Competition

Each team is comprised of four participants. Each member will compete individually in each event: Whitetail Deer Management, Game Bird Biology, General Identification, or Aquatic Management. All participants eligible for the State CDE will also compete in a Team Activity.

Agriculture, Food, & Natural Resources Course Standards

AFNR-BAS-2	Relate the role of the FFA student organization in the students' personal development.
AFNR-BAS-10	Demonstrate basic skills in natural resource management.
AFNR-WM-4	Describe basic components of ecosystems and analyze the relationship between living organisms and their environment.
AFNR-WM-5	Compare and contrast the habitat needs of selected wildlife species native to Georgia, identify wildlife species of Georgia from physical characteristics and/or evidence, identify the role of selected species in their environment, and explain biological processes related to reproduction and survival of selected species.
AFNR-WM-6	Identify and explain practices for managing wildlife populations and their habitats for the benefit of the entire biota
AFNR-WM-7	Identify, research, and discuss factors related to birth rate and mortality rate of wildlife and recognize the relationship between the biotic potential of wildlife species and their management. Calculate population size, carrying capacity, annual change in population size, and maximum rate of population increase.
AFNR-WM-8	Using mastered concepts, conduct a field evaluation of wildlife habitats to investigate wildlife management practices to improve the habitat for selected species, and develop a habitat management plan.

Middle School Georgia Performance Standards and Elements

MSAGED 6-2	Demonstrate the importance of agriculture.
MSAGED 7-6	Explain sustainable approaches in wildlife and natural resources management.
MSAGED 8-5	Describe, illustrate, and apply information pertaining to current events, trends, research, and careers in Forestry and Natural Resources.