



THE UNIVERSITY OF GEORGIA
COOPERATIVE EXTENSION
College of Agricultural and Environmental Sciences & Family and Consumer Sciences



Georgia 4-H Base Programming

Dairy Quiz Bowl

Description of Learning Experience:

The Dairy Quiz Bowl is a 4-H program which develops self-motivation, self-esteem and responsibility. Students have the opportunity to strengthen their communication and leadership skills in an environment which allows contribution to group effort; encourages teamwork and promotes acceptance of differences. Cloverleaf, Junior and Senior 4-H members are eligible to compete in Dairy Quiz Bowl. There are Junior and Senior divisions; Cloverleaf 4-H'ers who are at least nine years old may compete in the Junior division. The primary objective of the Dairy Quiz Bowl contest is to provide an opportunity for youth enrolled in 4-H to demonstrate their knowledge of dairy-related subject matter in a competitive setting where attitudes of friendliness and fairness prevail. Play consists of double elimination tournament-style matches; topics involve dairy production and management, breeds, feeding and nutrition, dairy products, health and reproduction. Participants must work with four team members to answer questions to the best of their ability. Competing as team members assists youth with the development of social skills, cooperation and managing feelings, as they become comfortable with working alongside others toward a common goal; integrity and sportsmanship are also developed through the Dairy Quiz Bowl experience. The life skills practiced while participating in 4-H Dairy Quiz Bowl include leadership, contributing to a group effort, teamwork, self motivation, self esteem, managing feelings, learning to learn, decision making, problem solving, critical thinking, goal setting, planning and organizing, communication, cooperation, social skills and conflict resolution. The dairy subject matter is important, but the life skills, values and ethics learned are equally important; teamwork and sportsmanship are heavily emphasized. This project is conducive to both traditional rural 4-H members with dairy experience and urban youth who do not have the opportunity to raise animals.

Learning Outcomes:

- Acquire a better knowledge of dairy-related topics and learn to demonstrate knowledge in a competitive and thought-stimulating setting, where attitudes of friendliness and fairness prevail.
- Learn how to compete as a team member and enhance the development of social skills, cooperation and managing feelings, as participants become comfortable with working alongside others toward a common goal.
- Strengthen integrity, sportsmanship, and decision-making abilities.
- Develop leadership abilities, build character and assume citizenship responsibilities, and develop skills, knowledge and attitudes for lifelong use.

Georgia Performance Standards:

Elementary School Level (Grades 4th and 5th)

ELA4R1 and ELA5R1 The student demonstrates comprehension and shows evidence of a warranted and responsible explanation of a variety of literary and informational texts.

ELA4R3 and ELA5R3 The student understands and acquires new vocabulary and uses it correctly.

ELA4LSV1 and ELA5LSV1 The student participates in student-to-teacher, student-to-student, and group verbal interactions.

State Contact: Heather Shultz, 706-542-4H4H or hkalino@uga.edu

4-H helps young people experience: An increased desire to make a difference in their communities - High levels of leadership, self esteem, public speaking, communication and planning skills - Improved School Performance - Motivation to help others - Overall improvement in civic identity and civic engagement.



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S4CS6 and S5CS6 Students will question scientific claims and arguments effectively.

S5L2 Students will recognize that offspring can resemble parents in inherited traits and learned behaviors.

Middle School Level (Grades 6th - 8th)

ELA6R1 through ELA8R1 The student demonstrates comprehension and shows evidence of a warranted and responsible explanation of a variety of literary and informational texts.

ELA6RC4 through ELA8RC4 The student establishes a context for information acquired by reading across subject areas.

ELA6LSV1 through ELA8LSV1 The student participates in student-to-student, student-to-teacher, and group verbal interactions.

S6CS6 through S8CS6 Students will communicate scientific ideas and activities clearly.

S7L3 Students will recognize how biological traits are passed on to successive generations.

High School Level (Grades 9th - 12th)

ELA9RC3 The student understands and acquires new vocabulary and uses it correctly.

SCSH3 Students will identify and investigate problems scientifically.

SCSH6 Students will communicate scientific investigations and information clearly.

SB4 Students will assess the dependence of all organisms on one another and the flow of energy and matter within their ecosystems.

SZ5 Students will evaluate the relationships between humans and other animals.

ELA9-12SV1 The student participates in student-to-teacher, student-to-student, and group verbal interactions.

*This list could expand based on the 4-H'ers main project work/area of interests.

Essential Elements:

Primary: Mastery and Independence; Secondary: Belonging and Generosity

Mission Mandates:

Science, Engineering and Technology

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