



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



## Georgia 4-H Base Programming

### Record Book - Breeding Heifer

#### Description of Learning Experience:

The Georgia Junior National Livestock Show develops self-motivation, self-esteem and responsibility, while providing youth the opportunity to exhibit their animals and to demonstrate knowledge of their livestock projects. All exhibitors must maintain continuous full ownership, possession and provide primary care for their animal project from the time of entry until show day, which teaches responsibility and self-motivation. This competition is available for Juniors age nine through 8<sup>th</sup> grade and Seniors grades 9<sup>th</sup> – 12<sup>th</sup>. Exhibitors may choose to submit market record books for their animal projects, which are evaluated by a committee, based on accuracy and thoroughness of records, answers to questions about the project, an essay, and supporting materials. Record keeping is from the date of purchase until the state show, and records are required to be hand written by the member. The Junior National Livestock Award Banquet is held during the show to recognize young people receiving scholarships and recognition for their work in keeping livestock records. Exhibitors submitting the top five Junior and Senior Beef Heifer Record Books are recognized at the banquet. Through recordkeeping and documenting their animal projects, exhibitors are also able to develop a knowledge and respect for agriculture and its importance to the community, the state, and to the international economy.

#### Learning Outcomes:

- Develop leadership, initiative, self-reliance, and other desirable character traits.
- Experience the pride of owning and raising a market animal and being responsible for its care.
- Increase knowledge of all aspects of animal science and management of livestock.
- Develop an appreciation of the importance of keeping accurate records.
- 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 4<sup>th</sup> and 5<sup>th</sup>)

S4CS1 and S5CS1 Students will be aware of the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works.

S4CS2 and S5CS2 Students will have the computation and estimation skills necessary or analyzing and following scientific explanations.

S4CS3 and S5CS3 Students will use tools and instruments for observing, measuring, and manipulating objects in scientific activities utilizing safe laboratory procedures.

S4CS6 and S5CS6 Students will communicate scientific ideas and activities clearly.

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

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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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ELA4R3 and ELAR5R3 The student understands and acquires new vocabulary and uses it correctly.

M4N1 and M5N1 Students will further develop their understanding of whole numbers and decimals.

M4N3 Students will solve problems involving multiplication of 2-3 digit numbers by 1 or 2 digit numbers.

M5N3 Students will further develop their understanding of the meaning of multiplication and division with decimals and use them.

M5N4 Students will continue to develop their understanding of the meaning of common fractions and compute with them.

M4M1 Students will understand the concept of weight and how to measure weight.

### Middle School Level (Grades 6<sup>th</sup> - 8<sup>th</sup>)

S6CS1 through S8CS1 Students will be aware of the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works.

S6CS4 through S8CS4 Students will use tools and instruments for observing, measuring, and manipulating equipment and materials in scientific activities.

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

ELA6RC3 through ELA8RC3 The student acquires new vocabulary in each content area and uses it correctly.

M6N1 Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.

M6D1 and M7D1 Students will pose questions, collect data, represent and analyze the data, and interpret results.

### High School Level (Grades 9<sup>th</sup> - 12<sup>th</sup>)

SCSH1 Students will evaluate the importance of curiosity, honesty, openness, and skepticism in science.

SCSH2 Students will use standard practices for all classroom laboratory and field investigations.

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

MM1A3 Students will solve simple equations.

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## Georgia 4-H Base Programming

### Essential Elements:

Primary: Mastery and Independence; Secondary: Belonging and Generosity

### Mission Mandates:

Science, Engineering and Technology

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