



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



Georgia 4-H Base Programming

Pumpkin Growing Contest

Description of Learning Experience:

Georgia 4-H offers to all active Pre-Club, Cloverleaf, Junior, and Senior 4-H members (4-H'ers in 1st through 12th grades) the opportunity to exhibit their knowledge and ability to plant and cultivate one or more pumpkins over a regulated period of time. Growing the heaviest pumpkin amongst the entries involved in the competition incorporates basic aptitude of measurement concepts. Preparation skills, research abilities, and patience in this field of agricultural and environmental sciences enhance a participant's ability to excel in this competition. In addition to learning the basic fundamentals of growing and caring for pumpkins, mathematical knowledge of space, depth, and irrigation will prepare the 4-H'er for a successful harvest. Common problem solving, such as insect patrol, are essential elements gained throughout this experience. This contest is a 4-H program which develops self-motivation, confidence and responsibility providing opportunity for future workforce experience.

Learning Outcomes:

- Develop leadership, initiative, self-reliance, a sense of fair play and other desirable character traits.
- Experience the responsibility of planting, caring for, cultivating, and harvesting a pumpkin.
- Increase knowledge of all aspects of agricultural and environmental science and management of pumpkin.
- Learn skills of farm management and an understanding of the business and career opportunities
- Demonstrate individual leadership abilities
- Develop leadership abilities, build character and assume citizenship responsibilities, and develop skills, knowledge and attitudes for lifelong use.

Georgia Performance Standards:

Elementary School Pre-Club Level (Grades 1st - 3rd)

S1CS1 through S3CS1 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.

S1CS3 through S3CS3 Students will use tools and instruments for observing, measuring, and manipulating objects in scientific activities.

MKM1 Students will group objects according to common properties such longer/shorter, more/less, taller/shorter, and heavier/lighter.

MKM2 Students will understand the measurement of calendar time.

MKG2 Students will understand basic spatial relationships.

State Contact: Jenna B. Daniel, 706-542-4H4H or jbrown10@uga.edu

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Elementary School Level (Grades 4th and 5th)

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.

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

Middle School Level (Grades 6th - 8th)

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.

High School Level (Grades 9th - 12th)

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.

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: water

Primary: Mastery and Independence; Secondary: Belonging and Generosity

Mission Mandates:

Science, Engineering and Technology

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