

Science/STEM/STEAM Curriculum through Georgia 4-H

Georgia 4-H provides club meetings to reinforce what youth are being taught in school. The lessons delivered are purposely derived from the standards set by the Georgia Department of Education. Lessons are taught monthly, organized in such a way that it corresponds with what they students are learning.

The Science/STEM/STEAM Curriculum taught by Georgia 4-H follows standards for both 4th and 5th grade.

Water

Standards Addressed: S4E3/S4CS2.a , S5CS2.a

Description/Lesson Overview: Students will learn more about the water cycle, water used to produce and manufacture common items, the three states of water, water conservation and defining vocabulary related to water.

Zoonosis

Standards Addressed: S4CS1/S4CS8, S5CS1/S5CS8,

Description/Lesson Overview: Students will learn about protecting themselves against the transfer of diseases through practicing healthy habits, have an in-depth look at microorganisms, and take on an understanding of scientific findings.

Inherited Traits vs. Acquired Traits

Standards Addresses: S5L2.

Description/Lesson Overview: An interactive lesson designed to give students an opportunity to communicate characteristics that are inherited and characteristics that are acquired. Students will explore the topics of inherited traits, acquired traits, learned behaviors and instinct. Students will work in a group to create a person and be able to communicate the difference between these concepts.

The Microorganism Mysteries

Standards Addresses: S4L1, S5L4

Description/Lesson Overview: Following Georgia Standards of Excellence for Fifth Grade Life Science, this lesson provides students with information and examples of how microorganisms can both benefit and harm larger organisms.

Our office address:
801 Main street
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English Language Arts Curriculum through Georgia 4-H

Plant Classification

Standards Addresses: S5L1

Description/Lesson Overview: Following Georgia Standards of Excellence for Fifth Grade Life Science, this lesson provides students with information about how plants are identified and classified. Students will be able to explain basic characteristics of plants and various means for classifying plants.

Opposites Attract

Standards Addressed: S5P3

Description/Lesson Overview: Students will explore static electricity by examining the interactions between similarly and oppositely charged objects.

Wad-a-Watershed

Standards Addressed: S5E1

Description/Lesson Overview: Students will be able to understand the basic geography of a watershed, how water flows through the system, and how people can impact the quality of our water

Construction and Destructive Forces on Georgia's Barrier Islands

Standards Addressed: S5E1

Description/Lesson Overview: Through hands-on activities, students will be able to identify and define erosion, weathering, deposition and impact of organisms

Weather and Climate

Standards Addresses: S4E3/S4E4

Description/Lesson Overview: Following Georgia Standards of Excellence students will learn more about the various trends in weather and climate, reading a weather map, and cloud journaling.

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