# 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 4<sup>th</sup> and 5<sup>th</sup> 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

manufac1 Tf**@ 8**8**42**7and **(4)(3.2**1-**(3)**v

# 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.

