

GEORGIA AG EXPERIENCE

— A MOBILE CLASSROOM POWERED BY —



LESSON PLAN PACKET

For Participating Schools & Teachers



WELCOME

What is the Georgia Ag Experience?

The Georgia Ag Experience is a unique STEM based educational program that invites students across Georgia to explore the vast opportunities in agriculture. Our 36-foot mobile classroom showcases Georgia Agriculture on-the-road. We visit Georgia elementary schools and community organizations, targeting students in grades 3rd, 4th, and 5th. The Georgia Ag Experience uses technology and digital learning so students can take a deep-dive into different agricultural commodities.

Curriculum:

Curriculum was developed in part by professors at The University of Georgia in the College of Agricultural and Environmental Sciences and the Georgia Ag Experience Team. The lesson plans meet Georgia educational standards as well as elementary agricultural education standards and incorporate STEM teaching practices. They will be updated periodically to keep pace with educational requirements and agricultural advancements. Our goal is to increase students' knowledge of and attitude toward Georgia agriculture.

We want to help students:

1

Gain a better understanding and become an advocate of agriculture.

2

Learn about technology in agriculture and the future of farming.

3

Recognize their role in agriculture and identify future career opportunities.

Visit our websites for more resources:



GaFoundationAg.org

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GeorgiaAgExperience.org

Pre-Visit & Post-Visit Student Survey

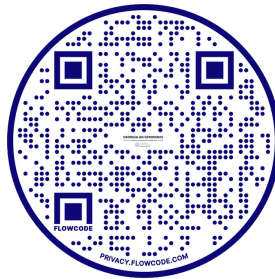
Pre-Visit Student Survey:

The first step in preparing for the Georgia Ag Experience to arrive is completing the pre-visit survey that we have designed to assess student's prior knowledge and understanding of agriculture. It is comparable to the idea of a pre-test when in a classroom.

This part of our Georgia Ag Experience and can assist our team in furthering curriculum and ensures the future of the mobile classroom. We ask that you begin this survey the day before you begin your pre-visit lesson.

Students are not expected to know the answers to these questions; this is the cognitive pre-test that helps up study the impact of the Georgia Ag Experience program.

Have students take the online pre-visit assessment by visiting: www.gfb.ag/GAEprevisitsurvey

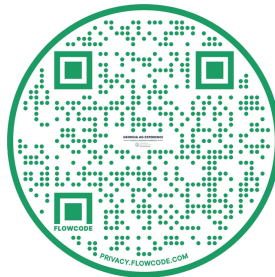


Post-Visit Student Survey:

After the Georgia Ag Experience has been to your school, we hope that it ignites interest about agriculture in your students!

In order to continue their agriculture education experience, we ask that you complete the Post-Visit Lesson Plan and Survey.

The post visit survey is a short survey, similarly to the pre-visit survey, it assists with Georgia Ag Experience data collection. The Post-Visit Ag. Knowledge/Attitude Assessment & Experience Survey can be accessed by following this link: www.gfb.ag/GAstudentpost



Georgia 4-H Friends Magazine: Farm to Fork

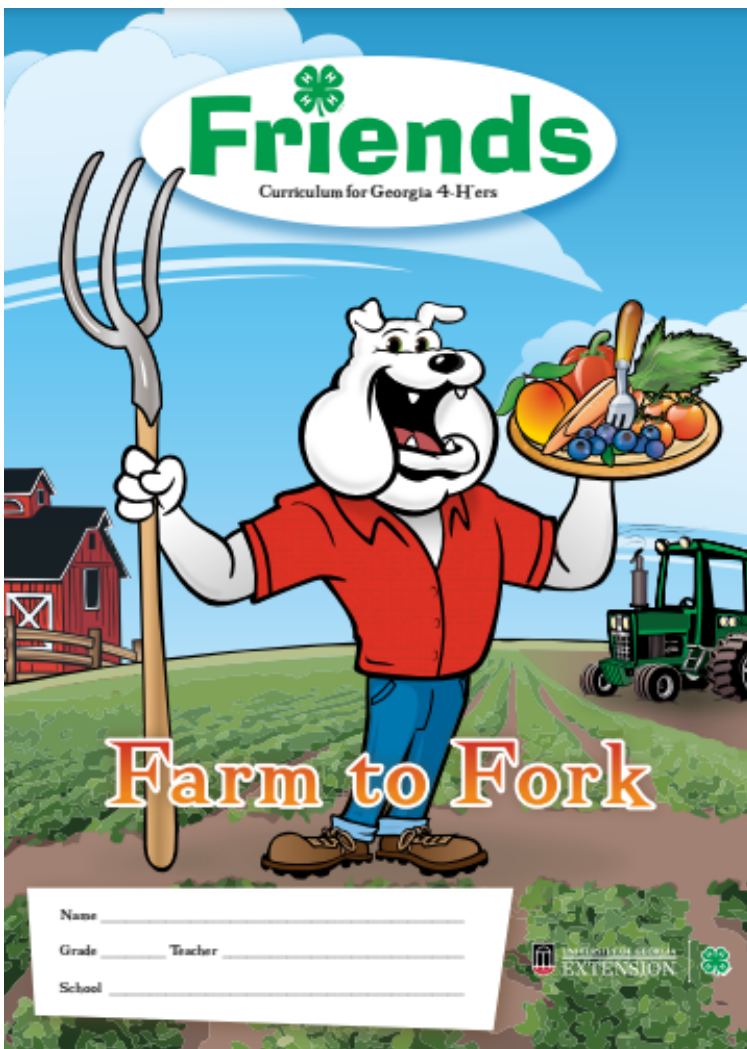


In partnership with Georgia Foundation for Agriculture, Georgia Farm Bureau, and Georgia 4-H we are pleased to provide an additional educational material for you to use in your classroom!

You will receive copies of the "Friends Farm to Fork" magazine before your visit from the Georgia Ag Experience. The magazine is equipped with Georgia ag facts, career opportunities, healthy eating habits, and a chance to meet the experts!

Be sure to contact your local Extension Office for more information and an opportunity to collaborate on more hands on activities for your students.

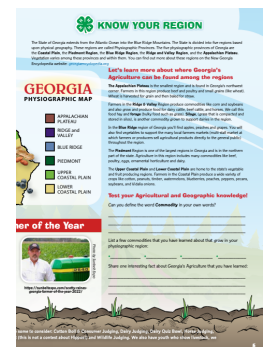
Contact Information: [Find Your County Extension Office](#)



Friends is a standard publication produced by Georgia 4-H. The publication is designed to provide elementary and middle school youth information on Georgia 4-H programs and to enhance Georgia Department of Education standards and content.

This publication also provides resources on current youth development trends and topics. In addition to nonfiction based text, the publications also features interactive questions, check lists, recipes, fill-in the blanks, and writing assignments to engage learners.

Access the digital publication here:
[4-H Friends Farm to Fork](#)



Pre-Visit Lesson Plan

3rd - 5th Grade Agricultural Products in Georgia

Estimated Time: 30 minutes

Materials	Content / Procedure
<p>Georgia Agriculture Video (Link)</p> <p>Georgia Agricultural Products Map (Link)</p> <p>"Georgia Ag Facts" (Link)</p> <p>USDA Agricultural Census (Link)</p> <p>AgSnapshots (Link)</p> <p>Farm Gate Value (Link)</p> <p>4-H Friends Farm to Fork (Link)</p>	<p>This activity is intended to introduce students to Georgia and local agricultural products, while gaining an understanding of the significance of the topographical regions of Georgia.</p> <h3>Getting Started:</h3> <p>Ask students to choose a favorite meal and make a list of 4 or more main ingredients.</p> <p>Example: Burrito = cheese, tomatoes, beans, rice...</p> <p>Play the Georgia Agriculture Video to get them thinking where they think these ingredients are grown. Also use pages 4-5 of the 4-H Friends Farm to Fork to help students learn more about the geographic regions of Georgia.</p> <h3>Lesson:</h3> <p>Use the map to start brainstorming where they live and review ag facts for their county.</p> <ol style="list-style-type: none">1 Visit the USDA Agricultural Census website at: www.gfb.ag/agcountyinfo2 Discuss and identify the main topographical areas of Georgia. Appalachian Plateau Valley and Ridge Blue Ridge Mountains Piedmont Coastal Plains3 Talk about the different climate, water, and even soil differences in each regions.4 Take a deep dive into each agricultural product grown in Georgia. Discuss each product's unique needs and which grows best in certain regions. Use: Georgia Agricultural Products Map Georgia Ag Facts5 Round out your discussion by asking your students if any of the ingredients from their favorite meals can be found on the top 20 agricultural products grown in Georgia.

Vocabulary Words & Ag Facts

Agriculture: The science and process of growing plants for food and raising animals for items we use in our everyday life agricultural. Products: An animal or plant including any food or drink that comes from an animal or plant.

Crop: An agricultural plant grown and harvested.

Livestock: Animals that are grown or raised for food.

Farm: A piece of land where crops or animals are raised.

Farmer: A person who produces food, fiber, or plants for others to use.

Geography: The mountains, valleys, lakes, rivers, and other physical elements that make up an area.

Map: A picture that represents all or part of the Earth's surface.

Elementary Agriculture State Standards

ELAGSE3RL1, ELAGSE3RI2, ELAGSE3RI3, ELAGSE3RI7, ELAGSE3RI10, ELAGSE3W2 (C & D), ELAGSE3W4, LAGSE3W5, ELAGSE3W8, ELAGSE3SL1 9A, B, C, D), ELAGSE3SL2, ELAGSE3SL3, ELAGSE3SL4, ELAGSE3L1, ELAGSE3L2, S3L1 (A, B, C)

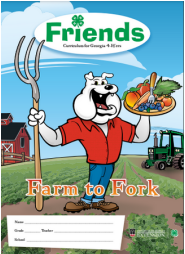
Students should be accommodated according to IEP/504 Plans that those students may have.

Post-Visit Lesson Plan

3rd-5th Grade

Careers in Agriculture & Farmer Thank You Cards

Estimated Time: 30 minutes

Materials	Content / Procedure
<p>Agricultural Careers Quiz (Link)</p> <p>Research Your Future Career Worksheet (Link)</p> <p>Careers in Agriculture (Link)</p> <p>Thank A Farmer Letter (Link)</p> <p>4-H Friends Farm to Fork (Link)</p>	<p>After your students have visited the Mobile Ag Classroom we hope to have encouraged them to discover a career in Agriculture!</p> <p>Getting Started:</p> <p>Have your students recall what career they may have received from playing the Agriculture Career Quiz on the Mobile Classroom. If they don't remember or wasn't able to take, here's the link for the quiz: Agricultural Careers Quiz</p> <p>Lesson:</p> <p>Use Pages 6-7 of 4-H Friends Farm to Fork to help research your career.</p> <ol style="list-style-type: none">1 Have your students research their new found career. You can use the Georgia Ag Ed website for career links: Careers in Agriculture2 Once the "Opportunities in Science" portion of the 4-H Friends Farm to Fork has been completed, allow your students to present their findings to their classmates. <div data-bbox="516 1031 699 1283"></div> <p>We encourage you to complete the other activities in the 4-H Friends Farm to Fork magazine if time permits.</p> <p>If not, please encourage your students to complete it at home!</p>

Farmer Thank You Cards:

It's been a fun and exciting ag experience. Now it's time to thank the men and woman who make it possible - the farmer!



- 1 Have your students write a [Thank You Letter](#) to their local farmers!
- 2 All letters can be delivered to your local Farm Bureau office to be distributed amongst your agriculture community.

Elementary Agriculture State Standards

SS3CG2, ELAGSE3SL3, ELAGSE3SL6, ELAGSE3RI9, ELAGSE3W2, ELAGSE3W1, ELAGSE4SL1, ELAGSE4SL2, ELAGSE4SL4, ELAGSE4W1, ELAGSE4SL3, VA4.CR.1, ELAGSE4SL4, SS4E1, TA5.CR.1, VA5.CR.1, ELAGSE5W7, ELAGSE5W1, SS5CG2, ELAGSE5W1, SS5CG2

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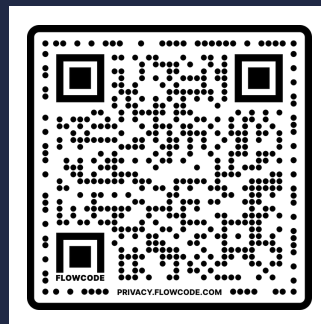
\$20,000+ SPONSORS



Our Driving Agriculture Sponsorship Program was created to give our corporate partners opportunities to foster elementary ag education in our state while helping to minimize the cost to schools by funding ongoing operations.

Your sponsorship covers 75% of our operating cost so we can keep our school's visit fees low.

Scan the QR code to learn more about our donation and sponsorship opportunities:



The Georgia Ag Experience is provided by The Georgia Foundation for Agriculture. Our mission is to prepare the next generation of Georgia leaders for success in agriculture. You can learn more about our programs or donate by visiting our website at www.gafoundationag.org.