



# Destination Ag

ABAC's Georgia Museum of Agriculture

## Programming Guide 2020-2021



*Planting  
Knowledge  
&  
Cultivating  
the Future*



Georgia Museum  
of Agriculture

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## What is Destination Ag?

Destination Ag (DA) is a living classroom! As an agriculture and natural resources education program provided by ABAC's Georgia Museum of Agriculture, DA's mission is to increase awareness of how agriculture and natural resources play an important role in our daily lives. Programming focuses on hands-on, interactive activities that allow your students to make real world connections. Participants will have a better understanding of where their food, fiber, and shelter come from!



## A Little About Us

In 2016, the Harley Langdale, Jr. Foundation and the GMA partnered together for a common goal: to increase children's connection between their daily lives and agriculture and natural resources. The generous contribution of the Harley Langdale, Jr. Foundation provided support for the creation of Destination Ag.

Destination Ag is currently offering programming at no cost to public school children in grades pre-k through fifth in twelve counties (counties listed on page 3). Programming is available to schools outside the target counties at a reasonable rate (page 3).



# Types of Programs

Destination Ag offers a variety of programs: on-site, virtual, and outreach. Availability is dependent upon student numbers, staff availability, and timeframe.

- ♦ **On-site Programs:** Spend a day with Destination Ag at ABAC's Georgia Museum of Agriculture as students explore agriculture and natural resources in our outdoor classroom! Program cost \$7/student.
- ♦ **Virtual Programs:** Destination Ag staff provide live, online learning straight into your classroom! Cost \$45/lesson.
- ♦ **Outreach Programs:** Destination Ag staff visit your school with interactive programs! Cost \$210 +mileage to/from school (\$0.58/mile) for two lessons; additional lessons \$50/lesson. Traveling Trunks program is also available through your local Farm Bureau office.

For the 2020-2021 school year, Destination Ag offers free programming for grades PreK through 5th grade to the following public school districts: Ben Hill, Berrien, Brooks, Colquitt, Cook, Echols, Irwin, Lowndes, Tift, Turner, Valdosta City, and Worth. Programming is offered to groups outside these districts at the cost listed.



## Which Program is Best for You?

To provide the most interactive programming, Destination Ag suggests schools partake in on-site field trips. However, this may not be possible for all schools. The following questions will help you decide which Destination Ag program is best for your students.

- ♦ Does your school district allow field trips?
  - ◇ If yes, then On-site Programs are probably best for you!
- ♦ Does your school district allow visitors, but no field trips?
  - ◇ If yes, then Outreach, Museum Led Classroom Programs are probably best for you!
- ♦ Do you have a full day available or only a partial day?
  - ◇ Your school can visit Destination Ag for On-site Programming for the entire day or for just two classes!
  - ◇ Outreach Programming may be your better option if your school is very limited on time and/or have a longer commute to Tifton, Georgia.
- ♦ If Destination Ag visits your school, is there a large indoor/outdoor space available for programming?
  - ◇ Having a large space for programming will allow individual classes to rotate through Destination Ag programs and still maintain social distancing guidelines.
  - ◇ Dependent upon available space, some Destination Ag outreach lessons may not be possible.
- ♦ Is there Destination Ag programming for schools that are not allowed field trips or visitors on school property?
  - ◇ Yes! Virtual, Guided Live Stream Field Trips are available!

## Interested in History?

Would you like to visit a one-room schoolhouse or see a gristmill in action? The GMA offers field trips which allows schools to explore the Historic Village. Visit our website, <https://gma.abac.edu/education/historic-field-trips/> to learn more about historic programs offered by the GMA.



## Scheduling a Program

Once decided which program is best for your students, follow these steps to schedule a program. Programs must be booked no later than two weeks prior to program date and are subject to availability.

1. Complete the Destination Ag program [registration form](#) no later than two weeks prior to desired date of program.
2. Museum staff will confirm the program type and date. If the first preference is unavailable, Museum staff will discuss other possible dates.
3. Once program and date are confirmed, Museum staff will provide a reservation confirmation. Further details of the program will be discussed.
4. About two weeks prior to programming, Museum staff will contact to confirm; however, we ask teachers to contact the Museum as soon as possible if changes occur.



### Scheduling Tip

Plan ahead, dates can book quickly! Programs must be booked no later than two weeks prior to desired date.

Visit [gma.abac.edu/education/destination-ag](https://gma.abac.edu/education/destination-ag).



# On-site Field Experience Details

- ◆ Each lesson is 20 to 30-minutes (grade dependent) with time available for questions.
- ◆ Groups can select up to **three** lessons listed below. The ANR Careers lesson is included with all field experiences.
- ◆ Lessons are adapted for grade level to ensure state educational standards are addressed (pages 11-12).
- ◆ Available for up to four classrooms a day.
- ◆ Groups may bring sack lunches to enjoy a 30-minute break under the Opry Shelter pavilion.
- ◆ Groups may have time to visit the Drug Store, which provides ice cream and souvenirs for sale.
- ◆ To assist in the safety of staff and visitors, Destination Ag instructors will wear masks and provide hand sanitizer. The wearing of masks is highly recommended to all participants when social distancing is not possible. Visit the [website](#) for further information on the Museum's COVID-19 response.
- ◆ Price: \$7/student (for two to four lessons). Teachers and bus drivers do not pay Museum admission. All other adults must pay general Museum admission upon arrival (\$7 + tax).

## Field Experiences Available

### Pre-K - 1st (20-minute lessons)

**Agriculture & Natural Resources Careers:** \*This lesson is included for all field experiences. The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Beetles, Bees, & the Breeze Walk:** Students explore the world of pollination by taking a short walk and learning about our animal pollinators. This walk includes searching for native pollinators and discussing their role in our ecosystem and in agriculture. This program addresses the following Georgia Standards of Excellence: CD-SC3.3a, SKL2, S1L1

**Forest Flora, Fauna, & Fungi Walk:** Students get the opportunity to learn about how fallen logs provide a home to many different creatures of the forest. Additionally, they get to meet some of the wild animals that might make a dying tree their home. This program addresses the following Georgia Standards of Excellence: CD-SC3.4a, SKL1, SKL2.c, S1L1

**Chippers, Skidder, & Saws Walk:** Students will learn about how machines use forces and motion to help the forestry and lumber industries. Students will take a walk that shows them both modern forestry machinery and the Museum's historic sawmill. This program addresses the following Georgia Standards of Excellence: CD-SC4.4a, CD-SC4.4b, SKP2, SSKH3, S1P1

**Free Time:** Students learn through play while enjoying non-structured time at our agriculturally themed play area. Visiting teachers are responsible for their students during this session. More than one class may be in the Free Time area during one period.

# Field Experiences Available

## 2nd - 5th (30-minute lessons)

**Agriculture & Natural Resources Careers:** \*This lesson is included for all field experiences. The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Pondering Pollen-Pollination Walk:** Students explore the world of pollination by walking throughout the site and discovering the different methods plants pollinate. This walk includes searching for native pollinators and discussing their role in our ecosystem and in agriculture. This program addresses the following Georgia Standards of Excellence: S2L1.c, S3L1.b.c, S4L1.a, S5L1.a.

**Woods, Water, & Wildlife-Nature Walk:** Students get the opportunity to take a short walk around the grist mill pond and the Langdale Nature Center to identify trees and meet some of the Museum's wild animals. Students also learn about the water cycle and how the gristmill pond, trees, and wild animals are all involved in the different stages. This program addresses the following Georgia Standards of Excellence: S2L1, S3E1, S4E3, S5L1.

**Agricultural Inventions-STEM Walk:** Students will learn about simple machines and see the many ways they have been utilized in agricultural, from the founding of the United States to modern times. Students will take a walk that involves a visit to our historic cotton gin, comparing modern and historic tractors, and participating in a simple machine I-Spy among hundreds of agricultural inventions. This program addresses the following Georgia Standards of Excellence: S2P2, SS3E1, S4P3, SS4E1, SS5H1, S5P1.

**Free Time:** Students learn through play while enjoying non-structured time at our agriculturally themed play area. Visiting teachers are responsible for their students during this session. More than one class may be in the Free Time area during one period.

## Art & Writing Contest



- ◆ Destination Ag students from participating gift funded schools (page 3) are encouraged to enter the Museum's agriculture and natural resource art and writing contest. The purpose is for students to communicate the value of agriculture and natural resources in our daily lives through their illustrations and writings.
- ◆ For each participating county (page 3), one student winner will be awarded per grade bracket along with his/her teacher. Grade brackets are PreK through first, second through third, fourth through fifth. Student winners are awarded a \$100 gift card and teachers are awarded \$500.
- ◆ Teachers will receive entry forms during Destination Ag programming. Each teacher is allowed one student entry.
- ◆ All entries will become property of the GMA to use, produce, or transfer rights as its sole discretion.

# Virtual, Guided Live Stream Details

- ◆ Each lesson is 20 to 30-minutes (grade dependent) with time available for questions.
- ◆ Available for up to four classrooms at one time.
- ◆ Groups can select **one** of the lessons listed below.
- ◆ Virtual lessons are provided using Google Meet.
- ◆ Recording of Destination Ag virtual programs is prohibited.
- ◆ Lessons are adapted for grade level to ensure state educational standards are addressed (pages 11-12).
- ◆ Destination Ag staff will email worksheets and additional resources for your selected program(s) prior to your scheduled date.
- ◆ Price: \$45 per lesson for one classroom.

## Guided Live Stream Field Trips Available

### Pre-K - 1st (20-minute lessons)

**Agriculture & Natural Resources Careers:** The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Animal Analyses :** Students will meet two different animals (animals vary by day and season) and learn the many ways in which they are similar and different. Examples include learning about how animals change as they grow, what they eat, and fun facts about their anatomy. This program addresses the following Georgia Standards of Excellence: SKL2, SKL1, S1L1

**Meet the Sheep:** Students get to meet Destination Ag's sheep and learn about the needs they have as animals. The wool industry is discussed as students learn about how wool is processed and the various products that the industry provides to humans. This program addresses the following Georgia Standards of Excellence: S1L1b, SKL2, SSKE3

**Cool Crops and Crawling Critters:** Students discover how the vast variety of items they use every day are products from crops grown in Georgia. They also learn how plants are aided by the critters in the soil that help provide the nutrients they need to grow. This program addresses the following Georgia Standards of Excellence: S1L1, ELAGSE1W8, CD-SD3, SKL2

**Farm to Fridge:** The process of how food starts at a farm and ends up in our refrigerator is the main topic of discussion in this lesson. Focusing on the cattle industry, students explore the various products produced as well as how important the process of buying/selling is to the industry. This program addresses the following Georgia Standards of Excellence: CD-SC3, CD-SS4, SSKE2, SSKE3, SS1k1, SS1k3

# Guided Live Stream Field Trips Available

## 2nd - 5th (30-minute lessons)

**Agriculture & Natural Resources Careers:** The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Aquaponics:** Students will view a functioning aquaponics system featuring catfish and leafy green vegetables and discover how this symbiotic relationship is an ecosystem in itself. Lifecycles and food webs will be explored while math skills will be put to the test as students calculate the different parameters of the aquaponics system. This program addresses the following Georgia Standards of Excellence: S2L1, MGSE2.MD.1, MGSE2.MD.2, MGSE2.MD.3, MGSE2.MD.4, S3L1, MGSE3.MD.2, S4L1, MGSE4.OA.2, ELAGSE4.RI.7, SFCS2, S4CS3, MGSE4.NF.7, S5L4, MGSE5.NF.6.

**Georgia Georegions:** Students explore Georgia's geographic regions and discuss differences in agriculture, plants, and animals. A highlight of the session is meeting a live 'region-specific' animal and discussing its adaptations for survival. Students will come away with an understanding of how many products used daily do not originate from their own region. This program addresses the following Georgia Standards of Excellence: SS2G1, S3L1, S5L1, S4L1.

**Let's Bee Pollinators:** Explore the world of pollinators and learn about their vital importance in agriculture. Students glimpse into the lives of a popular pollinator, the honeybee, and learn about their life cycle. A virtual walk through the Museum's pollinator garden may allow students an opportunity to see a pollinator in action! This program addresses the following Georgia Standards of Excellence: S2L1, S3L1, S4L1, S5L4.

**Swept Away:** Students will learn how weather, specifically water and wind, will cause changes to the environment. Students will observe wind and water erosion using an erosion simulation table. Through this lesson, students will define erosion, understand the effects of weather on erosion, and explore how erosion can be reduced. This program addresses the following Georgia Standards of Excellence: S2E3, S3E1, S4E3, S5E1.

## Family Farm Book Series

- ◆ Free, literary resources written at an elementary reader level.
- ◆ Provides an entertaining and unique look into Georgia's agriculture industry.
- ◆ Two books currently available: "*Our Family's Tree Farm*" and "*My Family's Peach Farm*."
- ◆ Two lessons available with each book, integrating subjects like Math, ELA, and Social Studies. Lessons cover third through fifth grades.
- ◆ Books and lessons available to download from Destination Ag website at <https://gma.abac.edu/education/destination-ag/#Family-Farm-Book-Series>.
- ◆ Free hard copies also available while supplies last. Complete this [registration form](#) to obtain copies for your classroom or school.

# Outreach, Museum Led Classroom Details

- ◆ Each program is 20 to 30-minutes (grade dependent) with time available for questions.
- ◆ Groups can select **two** lessons from below to be taught by Destination Ag staff in their classroom.
- ◆ Lessons are adapted for grade level to ensure state educational standards are addressed (pages 11-12).
- ◆ Available for up to 30 students per session. Destination Ag staff can visit up to three classrooms (90 students) in one day.
- ◆ To assist in the safety of staff and participants, Destination Ag instructors will wear masks and provide hand sanitizer.
- ◆ Price: single classroom visit with two lessons is \$210 + mileage (\$.58/mile) to/from the school. Each additional classroom program at the same school on the same day is \$50.

## Outreach, Museum Led Lessons Available

### Pre-K - 1st (20-minute lessons)

**Agriculture & Natural Resources Careers:** The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Animal Analyses :** Students will meet two different animals (animals vary by day and season) and learn the many ways in which they are similar and different. Examples include learning about how animals change as they grow, what they eat, and fun facts about their anatomy. This program addresses the following Georgia Standards of Excellence: CD-SC3, SKL2, SKL1, S1L1

**Meet the Sheep:** Students get to meet Destination Ag's sheep and learn about the needs they have as animals. The wool industry is discussed as students learn about how wool is processed and the various products that the industry provides to humans. This program addresses the following Georgia Standards of Excellence: CD-SC3.4a, S1L1b, SKL2, SSKE3

**Cool Crops and Crawling Critters:** Students discover how the vast variety of items they use every day are products from crops grown in Georgia. They also learn how plants are aided by the critters in the soil that help provide the nutrients they need to grow. This program addresses the following Georgia Standards of Excellence: S1L1, ELAGSE1W8, CD-SD3, SKL2

**Farm to Fridge:** The process of how food starts at a farm and ends up in our refrigerator is the main topic of discussion in this lesson. Focusing on the cattle industry, students explore the various products produced as well as how important the process of buying/selling is to the industry. This program addresses the following Georgia Standards of Excellence: CD-SC3, CD-SS4, SSKE2, SSKE3, SS1K1, SS1K3

# Outreach, Museum Led Lessons Available

## 2nd - 5th (30-minute lessons)

**Agriculture & Natural Resources Careers:** The career lesson will enable students to define agriculture, describe the roles and responsibilities of two careers, and experience demonstrations of career activities. For the 2020-2021 school year, the two feature careers are livestock veterinarian and fertilizer technician. In the livestock vet lesson, students will learn the tools that vets use as well as the procedure for haltering a large animal. In the fertilizer technician lesson, students will learn how fertilizer helps plants, how technicians mix it with a recipe, and how push and pull forces help technicians spread the fertilizer on crops.

**Fire, Is it Good or Bad?** Students discover the world of fire ecology and the importance of fire to an ecosystem. Topics include the fire triangle, how fire changes an ecosystem, and how foresters use fire as a management tool. Students will see the different tools foresters use when managing a prescribed fire. This program addresses the following Georgia Standards of Excellence: S2L1.d, S3L1.c, S4L1.c, S5L1.b.

**Georgia Georegions:** Students explore Georgia's geographic regions and discuss differences in agriculture, plants, and animals. A highlight of the session is meeting a live 'region-specific' animal and discussing its adaptations for survival. Students will come away with an understanding of how many products used daily do not originate from their own region. This program addresses the following Georgia Standards of Excellence: SS2G1, S3L1, S5L1, S4L1.

**Let's Bee Pollinators:** Explore the world of pollinators and learn about their vital importance in agriculture. Students glimpse into the lives of a popular pollinator, the honeybee, and learn about their life cycle. This program addresses the following Georgia Standards of Excellence: S2L1, S3L1, S4L1, S5L4.

**Swept Away:** Students will learn how weather, specifically water and wind, will cause changes to the environment. Students will observe wind and water erosion using an erosion simulation table. Through this lesson, students will define erosion, understand the effects of weather on erosion, and explore how erosion can be reduced. This program addresses the following Georgia Standards of Excellence: S2E3, S3E1, S4E3, S5E1.



## Outreach, Traveling Trunks Details

- ◆ Destination Ag and the Georgia Farm Bureau collaborated to create Traveling Trunks to teach children about agriculture and natural resources in Georgia. The trunks provide hands-on experiences linked to Georgia educational standards.
- ◆ Two trunks available in each Farm Bureau region: Forestry Trunk and Peanut Trunk.
- ◆ Teachers can check out the trunks at no cost! Trunks have all materials necessary for teachers to incorporate the lessons into their classroom.
- ◆ Contact your local Farm Bureau office, <https://www.gfb.org/about-us/contact-us.cms>, for further information.
- ◆ Price: FREE!

# State Standards

Destination Ag programming targets GELDs, Georgia's Standards of Excellence (GSE), and the College and Career Readiness Performance Index (Agriculture and Natural Resources Careers lesson). Below detail the standards that your students will explore during their program.

## Pre-K

Lesson	Standards
Forest Flora, Fauna, & Fungi	CD-SC3.4a
Chippers, Skidder, & Saws	CD-SC4.4a CD-SC4.4b
Beetles, Bees, & the Breeze	CD-SC3.3a
Animal Analyses	CD-SC3
Meet the Sheep	CD-SC3.4a
Cool Crops and Crawling Critters	CD-SD3
Farm to Fridge	CD-SC3 CD-SS4



## K

Lesson	Standards
Forest Flora, Fauna, & Fungi	SKL1, SKL2.c
Chippers, Skidder, & Saws	SKP2 SSKH3
Beetles, Bees, & the Breeze	SKL2
Animal Analyses	SKL2 SKL1
Meet the Sheep	SKL2 SSKE3
Cool Crops and Crawling Critters	SKL2
Farm to Fridge	SSKE2 SSKE3

## 1st

Lesson	Standards
Forest Flora, Fauna, & Fungi	S1L1
Chippers, Skidder, & Saws	S1P1
Beetles, Bees, & the Breeze	S1L1
Animal Analyses	S1L1
Meet the Sheep	S1L1b
Cool Crops and Crawling Critters	S1L1 ELAGSE1W8
Farm to Fridge	SS1K1 SS1K3

# State Standards

Destination Ag programming targets GELDs, Georgia's Standards of Excellence (GSE), and the College and Career Readiness Performance Index (Agriculture and Natural Resources Careers lesson). Below detail the standards that your students will explore during their program.

## 2nd

Lesson	Standards
Woods, Water, & Wildlife	S2L1
Pondering Pollen	S2L1.c
Agricultural Inventions	S2P2
Aquaponics	S2L1, MGSE2.MD.1, MGSE2.MD.2, MGSE2.MD.3, MGSE2.MD.4
Fire: Is it Good or Bad?	S2L1.d
Georgia Georegions	SS2G1
Let's Bee Pollinators	S2L1
Swept Away	S2E3

## 4th

Lesson	Standards
Woods, Water, & Wildlife	S4E3
Pondering Pollen	S4L1.a
Agricultural Inventions	S4P3, SS4E1
Aquaponics	S4L1, MGSE4.OA.2, ELAGSE4RI7, S4CS2, S4CS3, MGSE4.NF.7
Fire: Is it Good or Bad?	S4L1.c
Georgia Georegions	S4L1
Let's Bee Pollinators	S4L1
Swept Away	S4E3

## 3rd

Lesson	Standards
Woods, Water, & Wildlife	S3E1
Pondering Pollen	SS3L1.b.c
Agricultural Inventions	SS3E1
Aquaponics	S3L1, MGSE3.MD.2
Fire: Is it Good or Bad?	S3L1.c
Georgia Georegions	S3L1
Let's Bee Pollinators	S3L1
Swept Away	S3E1

## 5th

Lesson	Standards
Woods, Water, & Wildlife	S5L1
Pondering Pollen	S5L1.a
Agricultural Inventions	SS5H1, S5P1
Aquaponics	S5L4, MGSE5.NF.6
Fire: Is it Good or Bad?	S5L1.b
Georgia Georegions	S5L1
Let's Bee Pollinators	S5L4
Swept Away	S5E1

# Contact Us

## Booking programs, changing numbers, payment

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## Programming, assessment

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# Visit Us Online

## ABAC's Georgia Museum of Agriculture

<https://www.facebook.com/ABACGMA>

<https://gma.abac.edu/>



Georgia Museum  
of Agriculture

## Destination Ag

<https://www.facebook.com/destinationagGMA>

<https://gma.abac.edu/education/destination-ag/>



# Directions

## Physical Address

ABAC's Georgia Museum of Agriculture

1392 Whiddon Mill Rd

Tifton, GA 31793

