

# Agriscience Pathway

## 2020-2021 Syllabus for All Courses

Ms. De'Janae Hooks

Room #441

The Agriscience Pathway consists of 3 courses taken in sequence over a three-year period (or 3 semester period) and culminating with an End of Pathway test. This syllabus will serve as a syllabus for each of the three years. Below you can see each year, as it pertains to you/your student.

### EARN A PATHWAY COMPLETOR GRADUATION CORD

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Pathway Completers have the opportunity to earn a cord at the end of their course pathway. Below are the requirements to obtain an honors cord

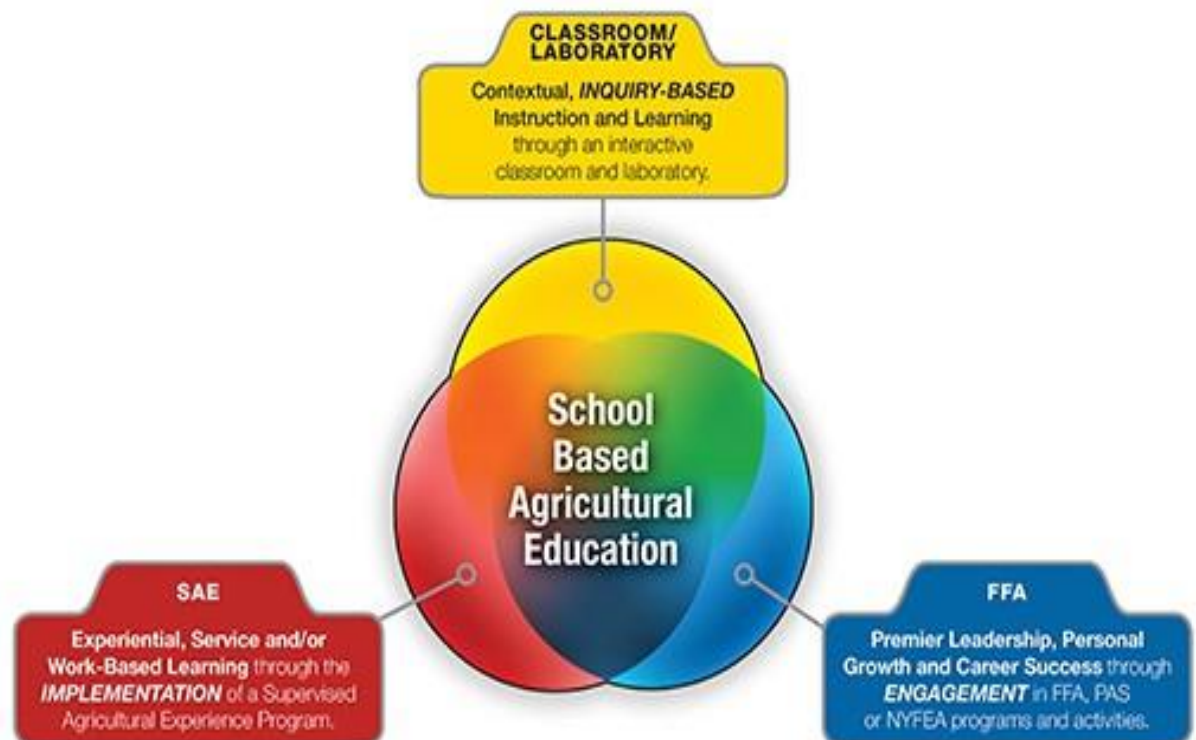
- Pathway completer
- Maintain a 3.0 in Agriscience courses
- Must be a member of a Career Tech Student Organization **[FFA]**

\*Maximum- 1 cord: students will only be awarded 1 cord



### COURSE OVERVIEW:

A blended laboratory and classroom instructional course designed to introduce students to concepts associated with Agriculture. It introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences (SAE) and leadership programs and activities (FFA).



Year	Course Description	Content	Remind Signup
<p><b>1<sup>st</sup> Year:</b></p> <p>Basic Agriscience</p>	<p>Basic Agriscience is the foundational course. Basic Ag. is a prerequisite for all other Agriscience pathway courses. This course will enable students to receive initial exposure to the many Agriculture careers as well as employability, communication, and technology skills necessary in the industry. This course will provide students with a competitive edge to be the better candidate for either entry into the global marketplace and/or the post-secondary institution of their choice to continue their education and training.</p>	<ul style="list-style-type: none"> <li>• Employability Skills</li> <li>• FFA Basics</li> <li>• Agriculture meets human needs</li> <li>• Supervised Agriculture Experience [SAE] start up</li> <li>• Environmental Science &amp; nature resources</li> <li>• Animal Science</li> <li>• Lab Safety</li> <li>• Agricultural mechanics</li> </ul>	<p><u>2<sup>nd</sup> Period:</u> Text the message <b>@bhd77h9</b> to the number <b>81010</b>.</p> <p><u>3<sup>rd</sup> Period:</u> Text the message <b>@k6fkckf</b> to the number <b>81010</b>.</p>
<p><b>2<sup>nd</sup> Year:</b></p> <p>Animal Science</p>	<p>This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.</p>	<ul style="list-style-type: none"> <li>• Employability Skills</li> <li>• CTSO</li> <li>• Scientific methods in agricultural animal research and production.</li> <li>• large animal industry</li> <li>• poultry industry</li> <li>• dairy industry</li> <li>• aquatic animals</li> <li>• laboratory animals</li> <li>• Classify animals using scientific binomial nomenclature</li> <li>• public's food safety and environmental concerns</li> <li>• crucial animal welfare issues</li> <li>• genetic principles to animal selection, breeding, and production</li> <li>• reproductive anatomy and biological processes</li> <li>• monogastric and ruminant agricultural animals</li> </ul>	<p>Text the message <b>@97h898</b> to the number <b>81010</b>.</p>

<p><b>3<sup>rd</sup> Year:</b></p> <p>Plant science &amp; Biotechnology</p>	<p>This course is designed to offer students the opportunity to become effective and efficient multi-skilled Agriculturalists as they develop a working knowledge of various ag. Components. Students focusing on a career path in the agriculture field may apply classroom/lab knowledge and skills in the greenhouse/garden setting as they participate in direct or simulated care. The curriculum allows instructors to provide options for classroom/student growth opportunities in area(s) of interest to the student. These options may be determined by community need, available resources, and/or student interest, etc.</p>	<ul style="list-style-type: none"> <li>• SAE</li> <li>• Plant classification</li> <li>• Technological Advancements</li> <li>• Soil Characteristics</li> <li>• Scientific Method</li> <li>• Plant cells &amp; Physiology</li> <li>• Plant Nutrition</li> <li>• Green House management</li> </ul>	<p>Text the message @hfbcbfg to the number <b>81010.</b></p>
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### Grading Scale

Area	Percentage
Assessments/Projects	40%
Daily/Classroom Work	20%
FFA participation	20%
Final [SAE Project]	20% at the end of each semester

### Required Materials:

- **FFA Membership [\$15]**
- **Reliable Laptop/Computer and Internet**
- **Earphones or Earbuds (Optional)**
- **Comfortable Chair**
- **Workspace (paper, pen, folder)**
- **1" three ring binder or pronged folder with pockets**
- **Paper**
- **Blue/Black pens and pencils**
- **Hand Sanitizer and Clorox Wipes**

## **OTHER INFORMATION: Absences**

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If a student must be absent, it is the student's responsibility to make arrangements for make-up work.

### **Excused Absences:**

If a student must be absent, it is the student's responsibility, to make arrangements for make-up work. Students should follow-up with me for any missed assignments on the first day they return to school. The number of days allowed to complete make-up work will not exceed the number of days absent. If absent on a test/quiz day, students must be ready to take the makeup test/quiz on the first day they return. Failure to comply with this procedure will result in a grade of zero (0) being given for graded assignments missed during an excused absence.

### **Unexcused absences:**

**Students will not be allowed to make up graded assignments missed during an unexcused absence UNLESS absence was previously discussed with a parent/guardian.**

Students are allowed to make up schoolwork missed while suspended from school pending their disciplinary hearing. In situations where students are suspended from school during the period of semester exams, principals will make arrangements to allow students to complete their exams. In situations where Out of School Suspension is assigned, the ability to make-up any missed work is at the teacher's discretion and students may be removed from the 3<sup>rd</sup> year program.

### **Tardy to Class:**

You will not be admitted into class after the last bell rings. All students entering after the bell **MUST** have a **tardy kiosk pass.**

### **Remote Learning Expectations:**

#### **Per Henry County School System:**

During the 2020-2021 school year, students are also asked to know and understand the Remote Learning Expectations. During Remote Learning, a student is expected to:

- I will comply with District policies and regulations, including applicable provisions of the district's Student & Parent Handbook including but not limited to the Code of Conduct, Absences, and Student Learning Devices.
- I will engage with remote learning teachers and communicate any academic issues or concerns.
- I will attend remote/virtual classes, as scheduled by teachers.
- I will submit assignments, on time, and in compliance with teacher instructions.
- I will communicate to my parents or guardians and/or school officials any issues I have with district-provided student learning devices.
- I will assure that learning, assignment, and assessment completion takes place upholding the District's Academic Honesty provision within the Student & Parent Handbook. Specifically, o I will not share work with any other student beyond teacher-approved group work o I will not share my

username and/or password with any other student o I will ensure that work submitted is authentic and original o I am expected to submit my own work.

o If I am aware of a student submitting work that is not authentic and original and/or plagiarized, I should report such actions to my teacher.

o I understand student projects and other student produced work is expected to be the work of the student, me. Therefore, I understand that if a teacher suspects academic dishonesty, then an alternative assessment may be provided to me (the student) and disciplinary action may be taken.

- I will monitor my academic performance/progress.

### **Teacher Expectations:**

- Enter classroom in an orderly fashion.
- Give Respect, Get Respect.
- Follow the Dress Code Policy aligned in the Henry County Schools Handbook.
- Be in assigned seat before tardy bell rings.
- There is an appropriate time and place for the use of electronic devices. Please refrain from using your device in accordance with the Henry County Schools Student Handbook.
- Use the equipment only after you have been instructed on how to use it **AND** have been given permission to do so by the instructor. Failure to do so will result in disciplinary action and replacement of the damaged equipment.
- Notify the instructor of any broken equipment or safety hazards observed in the classroom.
- Use proper body mechanics.
- Report **any injury** that occurs in the classroom or lab to the instructor immediately.
- All rules in the Henry County Schools Handbook are to be followed to ensure a safe and effective learning environment.

### **Remind:**

**For classroom announcements, community service, activities, and FFA leadership opportunities please make sure you signed up with the appropriate code above.**

**Please note that some of the material discussed in this classroom and videos that will be shown can be viewed as graphic in nature due to the subject matter being covered [Animal Science].**

**Please note that by signing this syllabus, you are authorizing your student to view/discuss this information.**

**Please note that this syllabus is subject to change as needed.**

Parents, please feel free to contact me at my email address: [Dejanae.hooks@henry.k12.ga.us](mailto:Dejanae.hooks@henry.k12.ga.us)

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**I have read and understand all of the objectives, requirements, and expectations for the course in Animal Science taught by Ms. Hooks.**

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**Student name**

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**Date**

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**Parent signature**

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**Date**