

Introduction to Agriscience

Amherst Middle School

6th Grade Syllabus

2018-2019

Instructor Information:

Mr. Thomas Eanes, Ed.S.

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Course Description: In this introductory course, students develop an awareness of the relationships between agriculture, science, and math. Major concepts covered in this course include an overview of agriculture, hand tool identification and application, tree identification, measurement, shop safety, and a woodworking project. *This is subject to change.

Required Resources: Students are expected to bring the following materials to class every day: Pencil, agenda, spiral notebook, and folder. Students are required to wear closed-toe shoes while working in the shop (no sandals, flip flops, or flats).

Requested (Optional) Resources: Hand sanitizer and tissues.

Course Objectives:

1. To teach and reinforce the Virginia Standards of Learning.
2. To teach students practical and applicable technical skills, problem solving, and teamwork.
3. To use hands-on activities to increase classroom learning and encourage good school attendance.

Assessment Criteria:

Tests	30%
Daily Grade	20%
Class Work	20%
Projects	30%

Class Rules:

1. **Be Respectful**
2. **Be Responsible**
3. **Be Ready**

Laboratory (Shop) Safety and Expectations: Students will be working in the AgScience Shop for a portion of the 9-weeks to complete a woodworking project. Students will be required to wear safety glasses and closed-toe shoes while in the shop. Due to safety concerns, carelessness and “horseplay” will not be tolerated and may result in loss of shop privileges.

Absences/Make-Up Policy: Attendance is critical in this class due to the difficulty in making up class projects. The teacher will work with students as much as possible; however, excessive absences may result in the student unable to complete certain assignments. It is the responsibility of the student to see the teacher to receive missing assignments. Failure to complete missing work will result in a grade of “0” for the assignment.

Lesson	Tasks	SOL Correlation
Shop Expectations and Regulations, Defining Agriculture	8002.026 Explore agriculture, agriscience, agribusiness 8002.027 Identify class rules and procedures	History and Social Science USII.6 Mathematics 6.14, A.10 English 6.1, 6.3, 6.5
Introduction to the Agriculture Industry and Careers in the Agriculture Industry	8002.028 Describe the impact of agriculture on the economy. 8002.050 Identify career opportunities in agriscience in Virginia. 8002.051 Determine the educational requirements for agriscience occupations.	Mathematics 6.18, 6.20, 6.8 English 6.1, 6.3, 6.5 Science 6.2, 6.9 History and Social Science USII.4
Project Planning, Types of Fasteners	8002.040 Explain the importance of agricultural mechanics technology.	History and Social Science USII.1, USII.4, USII.9 English 6.3, 6.5
Safety Training, Identifying Hand Tools	8002.041 Identify basic laboratory safety procedures. 8002.043 Identify and use basic hand tools for woodworking.	Mathematics 6.2, 6.9
Identify Different Tools for Measuring, Measuring Practice	8002.040 Explain the importance of agricultural mechanics technology. 8002.043 Identify and use basic hand tools for woodworking.	History and Social Science USII.1, USII.4, USII.9 English 6.3, 6.5 Mathematics 6.2, 6.9
Woodworking Project	8002.041 Identify basic laboratory safety procedures. 8002.043 Identify and use basic hand tools for woodworking.	Mathematics 6.2, 6.9

*** Plans subject to change based on time and resources available.**

Introduction to AgriScience

Please complete and sign below indicating that you have read the course syllabus for AgScience. This page only is due back to Mr. Eanes. Keep the course syllabus for future reference.

Parent/Guardian Name (print)

Student Name (print)

Parent/Guardian Signature

Student Signature

Please indicate the best way to get in touch with you: Phone and/or email.

Phone

and/or

Parent Email Address

Please return this form directly to Mr. Eanes (not your Homeroom teacher)