

Applied Agricultural Concepts (.5 High School Credit)

Amherst Middle School

8th Grade Syllabus

2018-2019

Instructor Information:

Mr. Thomas Eanes, Ed.S.

Office Location: Room 28

Voicemail: 434-528-6499 X 27833

Email: teanes@amherst.k12.va.us

Course Description: Major concepts covered in this course include horticulture science and applications, forestry, natural resources, animal science, measurement, safety, FFA, beekeeping, and woodworking projects. *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 flip flops, sandals, or flats). Students without appropriate shoes will not be allowed to work in the shop.

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 skills, and teamwork.
3. To use hands-on activities to increase classroom learning and encourage good school attendance.

Assessment Criteria:

Tests	30%
Participation	20%
Classwork	20%
Projects	30%

Class Rules:

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

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 shop 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.

FFA: In the 8th grade, students enrolled in an Agriculture Science class (first or second semester) have the option to join the AMS FFA chapter. Opportunities include field trips, competitions, and various after-school activities. Membership is optional, but highly recommended. More information on FFA membership will be given during the first few weeks of school.

Lesson	Tasks	SOL Correlation
Class and Shop Expectations and Regulations. Defining Agriculture	8004-18.026 Identify class rules and procedures. 8004-18.027 Identify Agricultural Education concepts.	English 8.6
FFA History, Overview, and Activities	8004-18.029 Explain opportunities for leadership development through the FFA. 8004-18.031 Demonstrate an understanding of the FFA. 8004-18.032 Participate in FFA activities.	English 8.6
Woodworking Projects and Safety	8004-18.058 Demonstrate safety practices. 8004-18.059 Demonstrate measuring skills. 8004-18.060 Interpret plans for construction of a mechanics project. 8004-18.061 Identify portable power equipment, hand tools, and accessories. 8004-18.062 Demonstrate the proper use of portable power equipment, hand tools, and accessories. 8004-18.063 Demonstrate woodworking skills.	Science PS.1 Mathematics 8.3, 8.6, 8.7, 8.15
Horticulture, Forestry, and Natural Resources	8004-18.075 Identify Virginia trees as saw timber, pulpwood, and/or ornamentals. 8004-18.076 Evaluate soil texture and fertility. 8004-18.077 Identify common garden, landscape, and interior plants. 8004-18.018 Demonstrate proficiency with technologies common to a specific occupation. 8004-18.019 Demonstrate information technology skills.	History and Social Science CE.14, VUS.15 Science LS.5

* Plans subject to change based on time and resources available

Applied Agricultural Concepts

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 the student's Homeroom teacher)