

Agriscience Exploration

Amherst Middle School

7th Grade Syllabus

2018-2019

Instructor Information:

Mr. Thomas Eanes, Ed.S.

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Course Description: In this course, students develop an awareness of the relationships between agriculture, science, and math. Major concepts covered in this course include an overview of Virginia agriculture, identification of native Virginia trees, small animal care, measurement, 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 flip flops, sandals, 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 skills, 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 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.

Lesson	Tasks	SOL Correlation
Class and Shop Expectations and Regulations. Defining Agriculture	<p>8003.026 Identify ideas associated with agriculture</p> <p>8003.027 Identify class rules and procedures</p>	<p>History and Social Science CE.4, CE.12</p> <p>English 7.1, 7.4, 7.6, 7.7, 7.9</p> <p>Science LS.12</p>
The Agriculture Industry Overview. Researching Careers in Agriculture	<p>8003.028 Explain the importance of agriculture to Virginia, the United States, and the world.</p> <p>8003.041 Identify careers in natural resources.</p> <p>8003.046 Explore career opportunities in agricultural research.</p> <p>8003.055 Explain career opportunities in plant science.</p> <p>8003.066 Explore career opportunities in animal science</p>	<p>Mathematics 7.1, 7.4</p> <p>English 7.1,7.2, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9</p> <p>Science LS. 4, LS.12</p> <p>History and Social Science CE.11, CE.12, CE.14</p>
Animal Science, Small Animal Care, and the Aquaculture Industry	<p>8003.059 Explore the meat animal industry.</p> <p>8003.060 Explore the dairy products industry.</p> <p>8003.062 Identify breeds of pleasure and companion animals.</p> <p>8003.063 Identify basic practices for care of pleasure and companion animals.</p>	<p>History and Social Science CE.13, CE.14</p> <p>English 7.1, 7.4, 7.6, 7.7, 7.9</p> <p>Science LS.1, LS.3-LS.10, LS.12-LS.14, PS.1</p> <p>Mathematics 7.3, 7.4</p>
Safety	<p>8003.067 Identify laboratory procedures and policies.</p> <p>8003.068 Identify safety practices and procedures.</p>	<p>English 7.1, 7.4, 7.6, 7.7,</p>
Woodworking Project and Measurement	<p>8003.071 Read and interpret simple plans.</p> <p>8003.072 Identify and use basic hand tools for woodworking.</p> <p>8003.073 Perform woodworking skills.</p> <p>8003.075 Select and use measuring tools.</p> <p>8003.076 Select and use wood fasteners.</p>	<p>Mathematics 7.3, 7.4, 7.5</p> <p>English 7.1, 7.4, 7.6, 7.7,</p> <p>Science PS1, PS 2, PS 10</p>

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

AgriScience Exploration

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)