

Basic Agriculture Science (2.471)

Course Syllabus

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Course Description:

Introduces the major areas of 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, Agriscience projects, leadership programs and activities.

Pepperell High School FFA Chapter:

All students who are in an agriculture class are automatically FFA members! Students who are FFA members reap the full benefits of the agricultural education program and will have numerous opportunities to further classroom knowledge and develop leadership skills by competing in competitions, traveling to FFA events, obtaining scholarships and advanced FFA degrees, and meeting people from across the state and nation. Meetings will be held monthly during and/or after school.

SAE (Supervised Agricultural Experience):

All students will be required to complete an SAE (supervised agriculture experience) project. The SAE program is an integral part of the total agricultural education program. The purpose of the SAE is to provide real-world experiences to help the student select a career, secure employment or prepare for further education. The SAE program requires a minimum of 10 hours of verifiable hands-on activity in any area of agriculture and accurate records/documentation of project hours and details. Students will complete an SAE planning and agreement form at the beginning of the semester. SAE progress will be checked MONTHLY throughout the year. All SAEs must be turned in on due date. 10 points will be deducted each day the project is late. Students will present their SAE to the class at the end of the year. SAE project and presentation count as TWO test grades.

Creed Study:

At the beginning of the semester, each student will be given a brief knowledge of the FFA and will discuss the importance of the FFA creed. The Creed outlines the beliefs and ideals that all FFA members hold in common. There will be 5 creed tests during the course of the semester relating to the 5 paragraphs of the Creed. Each test will count as one unit test grade. If a student wishes to deliver the entire FFA Creed orally during the first Creed test day and does it accurately, he/she will receive a 100% on all Creed tests for the remainder of the semester.

Grades:

Grades are determined for each semester.

20% Final Exam
25% Daily Grades (Class assignments and participation)
+ 55% Tests & Projects (SAE, Unit tests, Projects)
100%

Required materials:

- Notebook, notebook paper, and pen/pencil

Attendance:

Students with absences from class will be allowed three days from the day of return to arrange for make-up work. It is the responsibility of the *student* to make arrangements with the teacher for make-up work. Work for unexcused absences may not be made up and will receive a score of zero.

Policies

All students are expected to abide by school rules set forth in the Student Handbook. Any infraction will be dealt with as indicated in the Student Handbook. In addition, students enrolled in agricultural education courses at PHS will be expected to abide by the following classroom expectations:

- 1) Be RESPECTFUL to teachers and other classmates at all times. Treat others how you want to be treated.
- 2) Be READY to work. Wear the correct clothing for the class if we are in the shop, greenhouse, outside, etc.
- 3) Be RESPONSIBLE for YOU. Make productive choices and actions.

Consequences

- 1) Verbal warning
 - 2) Teacher/student conference
 - 3) Parent/Guardian contact
 - 4) Visit Admin
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Topic Outline

Introduction to leadership, Ag. Ed., FFA, and SAE, SAFETY
Science of Living things, Biotechnology, Career Options in Ag
Land judging, Water and Soil Conservation
Natural Resources
Forest Management, Plant ID
Animal Anatomy. Physiology, and Nutrition/Health, Genetics
Poultry
Beef Cattle
Dairy and Livestock Management, Horse Management
Swine
Forage & Pasture Management
The Food Industry, Food Science, Meats Judging
Wildlife Management
Taxonomy, Horticulture, Plant structures, Plant ID
Plant Propagation,
Floriculture Home Gardening, Vegetable Production, Pests
Landscaping, Xeriscaping, Design
SAE Presentations and Review for final

Staying in Touch

Please find us on these outlets! Be on the lookout for class information, pictures, etc.

Facebook- Pepperell FFA and Floyd County Young Farmers

Instagram- @pepperellffa

Teacher Website- <https://sites.google.com/floydboe.net/pepperellaged/home>

Parents please follow the link found below to sign off that you have reviewed the syllabus. Please let me know if you have questions. I look forward to working with you this year! Go dragons!

Digital Signature Link:

<https://docs.google.com/forms/d/e/1FAIpQLSebRMNnY5q0kFi67RjI-ZNjY3CmRxH5Rtr6u8JAoaOSefLeAw/viewform>

