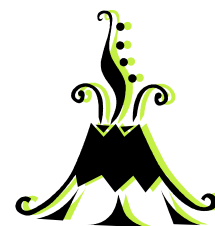




Applied General Science
Elk Grove High School
Mrs. Welch
slwelch@egusd.net



Course Description:

Grade Level: 11th

This course explores advanced earth science, chemistry, forces, work, energy, waves, alternative energy sources, and nuclear energy as it pertains to agriculture. Students are expected to function in both lab and lecture situations and to work on basic equations. Homework consisting of reading, writing, lab reports, etc. will be assigned. This course meets the physical science requirement. (This course is part of a series of courses to prepare the student for college level entry into the various disciplines of agricultural science.) Students will be exposed to the F.F.A., supervised occupational experience programs, Agriscience Fair Project and careers in Agriculture Business at Elk Grove High. This course meets UC and CSU elective requirements. This course meets the Physical Science graduation requirement.

Class Rules

1. Every student has the right to learn.
2. The teacher has the right to teach.
3. Anything that prevents numbers 1 and 2 from happening is against the rules.

Expectations

1. If a student is absent, it is his/her responsibility to meet with the teacher regarding missed assignments. The student will have one day for every day he/she was absent to complete the work.
2. **NO LATE WORK WILL BE ACCEPTED.**
3. Students will arrive to class on time and be prepared.

Housekeeping

1. Hats, beanies, hoods and sunglasses are not to be worn by males or females indoors.
2. Grooming is not appropriate in the classroom (applying makeup, hair brushing etc.).
3. "The Classroom" is anywhere instruction is taking place. All class policies apply regardless of where the class meets (in a room, at the school farm, greenhouse or any other location).
4. Some labs and hands-on situations will require students to work with different types of lab materials and equipment. Safety is our first concern, and students will be informed of appropriate attire for various situations.
5. All other school rules will be followed and any discussion of these rules and their enforcement will take place after school.

Student & Parent Resources

Agriculture science tutoring will be available during Tuesday's lunch periods: 4th period; classroom F-1; 5th period, classroom F-10. In addition, please check out our website at elkgroveffa.com. Schedules, forms, updates, pictures, and general information will be available at the Elk Grove FFA website.

Materials Needed:

- Pencil, pen or other writing utensil
- A three-ring binder
- Section Dividers
- 3-hole-punched notebook (college ruled preferred)
- California Agricultural Education Record Book (provided)

- Course text books (provided)
- Jump Drive (For Agriscience fair project)

Notebook

Students are required to record all the assigned notes/ vocabulary in a notebook. The notebook will be checked every Friday and graded. Pencils are required for work on record books and a simple calculator will be helpful.

Grades %

The class is graded according to this scale: 100-90, A; 89-80, B; 79-70, C; 69-60, D; 59 & below, F.

1. Classroom (Approximately 80%)

Completion of assignments (reports, handouts, homework, projects, classroom/laboratory activities, notebook checks, class participation, teamwork, citizenship, and cooperation.....60%
 Quizzes/Tests.....20%

2. Supervised Agriculture Experience Program (Approximately 10%)

It is our goal that every student will have a SAE, or a project related to agriculture, which they can pursue both during and after school hours. These SAE projects are valuable tools in teaching work ethic and responsibility. In addition they can lead to awards and recognition in the FFA, scholarships, and future employment. Students will be required to maintain a record book regarding their SAE project.

The choices for SAE projects are:

1. Ownership- This is a project that the student owns. Some examples might be an animal, a crop of some kind, or potted plants in their room.
2. Non-Ownership- A project which the student works with, but does not own.
3. Work Experience- Any job related to agriculture can be considered work experience whether it is paid or unpaid. Some examples might be mowing the lawn, working for a local agriculture business, or home improvement projects.

3. FFA (Approximately 10%)

The FFA, formerly known as the Future Farmers of America, is a national organization found in thousands of high schools across the United States. The goals of the organization are to develop premier leadership, personal growth, and career success. Your son/daughter automatically became a member of the National Organization when he/she enrolled in an agriculture class. There are numerous opportunities to participate both during the school year and after school in FFA activities. These activities will be given a point value that will be reflected in students' grades. **Students are required to purchase a FFA membership card, which is \$10.**

Binder/Notebook Checks

A. The Binder:

Students are required to have a 1 inch, three ring binder for this course that includes class materials. Materials that are **REQUIRED** to be kept in the binder include Mind Movers and the class notebook (provided) Materials that are **SUGGESTED** to be kept in the binder include and grade assignments, tests or quizzes within a semester. Students are required to bring their binder to class daily.

i. Binder/Notebook Checks: The binder will be checked EVERY FRIDAY at the beginning of class. Each binder check will be worth approximately 20 points (about 200 points per quarter). The binder will be checked for Mind Movers which are worth 2 points each (10 points per week) and also for notes which are worth 10 points per set.

ii. Restrictions: If a student is absent during the week, the student should make up any notes or mind movers missed in their absence. There will not be slack given to absent students for binder checks. If you do not make them up by Friday, you do not receive points for the items missed. If you forget to bring your binder to class on Friday, you will be given a zero. If you are not ready for the binder check when the teacher approaches you, your binder will not be graded and you will receive a zero.

.....
Please have your son/daughter return this part of the letter.

I understand the policies of the Introduction to Applied Science and will put my best effort forth.

Student Signature _____

Student Name (printed) _____

Parent Signature _____

Parent Name (printed) _____