

INSTRUCTOR Ms. Berry

Room 307

AGRICULTURE BIOLOGY



EMAIL

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PHONE

(909) 591-3902 ext. 4578



*Add the class
Remind.*

Download the Remind app to your smart phone OR send a text message with the code below:

Text: @introagdal

to: 81010



RECOMMENDED MATERIALS

- Spiral bound notebook
- Pencils/ pens
- Lined paper
- Colored pencils/ markers
- Glue sticks

COURSE DESCRIPTION



The student will master an understanding of the nature of living things, their environment, and their relationships with man. The student will know unity, interaction, continuity, and diversity of life. The major concepts that will be covered are cell biology, genetics, stages of maturation, ecology, evolution, and physiology. Students will have access to up-to-date laboratory equipment, science equipment, and technology. The student will be involved in an agriculture project as a "hands - on" application of classroom knowledge. Participation in leadership development activities through FFA is an integral part of this course. This course is aligned to State adopted content standards in science and meets the UC/CSU Biology entrance requirement.

Grading Policy

Class assignments will be graded in a Notebook Check format. Your assignment will be stamped when completed. You may NOT get full credit with no stamp. If you need extra time with a class assignment, it must be finished and stamped at the beginning of the next class period.

**Assignments
45%**

**Tests & Quizzes
20%**

**Lab Work
15%**

**FFA Activities
10%**

**SAE/ Recordbook
10%**





SUPERVISED AGRICULTURE EXPERIENCE PROJECT (SAE)

All students are required to participate in an SAE project which will allow the active application of science based principles in a "learn by doing" environment. The project will be documented in the FFA Record Book. The Record Book (properly updated and correctly completed) is worth 10% of the total grade earned. This will be primarily an in-class activity, but the activities & participation recorded will be extracurricular. This SAE may consist of a project in the field of agriculture, science, or industrial technology, and will allow students to experience career skills in the industry. Examples include: metal or wood shop projects, customer service, horticulture, community service, gardening, working in floral design, landscaping, and livestock (breeding or market animals). 10 SAE hours are required per semester. Hours do NOT roll over to next semester (with the exception of first year students).

FFA



All students in the State of California enrolled in an Agriculture class are members of the FFA (Future Farmers of America). FFA is an organization that makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education. The FFA is an integral part of every agricultural class. Every student's grade will be enhanced by participation in this organization. Meetings, events, field days, fundraisers, conferences, community service, and competitions are just a few of the ways students can become involved in the FFA. **There is a requirement of 3 FFA Activities per semester (1 per 6 week grading period, points do NOT roll over to next semester).** Plan ahead! If you know you cannot make after school activities, make sure you attend the lunch or evening activities earlier in the semester.

BASIC EXPECTATIONS

Safety is number one. Horseplay will not be tolerated especially in a lab setting.



Respect fellow students and instructor.

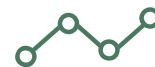


Come to class prepared for the days lesson with assignments completed, your notebook, pen/pencils, and paper.



You are expected to be in your assigned seats, in dress code, ready to work when the period bell rings. Tardiness will be reported to the front office. You must have a pass to be admitted into class after the tardy bell rings.

It is your responsibility to learn, study, and monitor your grades through Aeries.



In case of an absence, it is your responsibility to make up any missed work/notes. Extra copies or assignments/handouts will be kept in the back of the classroom. If you missed notes, you will need to copy those from a peer's notebook.



There is no talking when the instructor or another student is talking.

Any electronic device used without permission will be confiscated and will require parent pickup in the office before 3pm.



Class Assignments

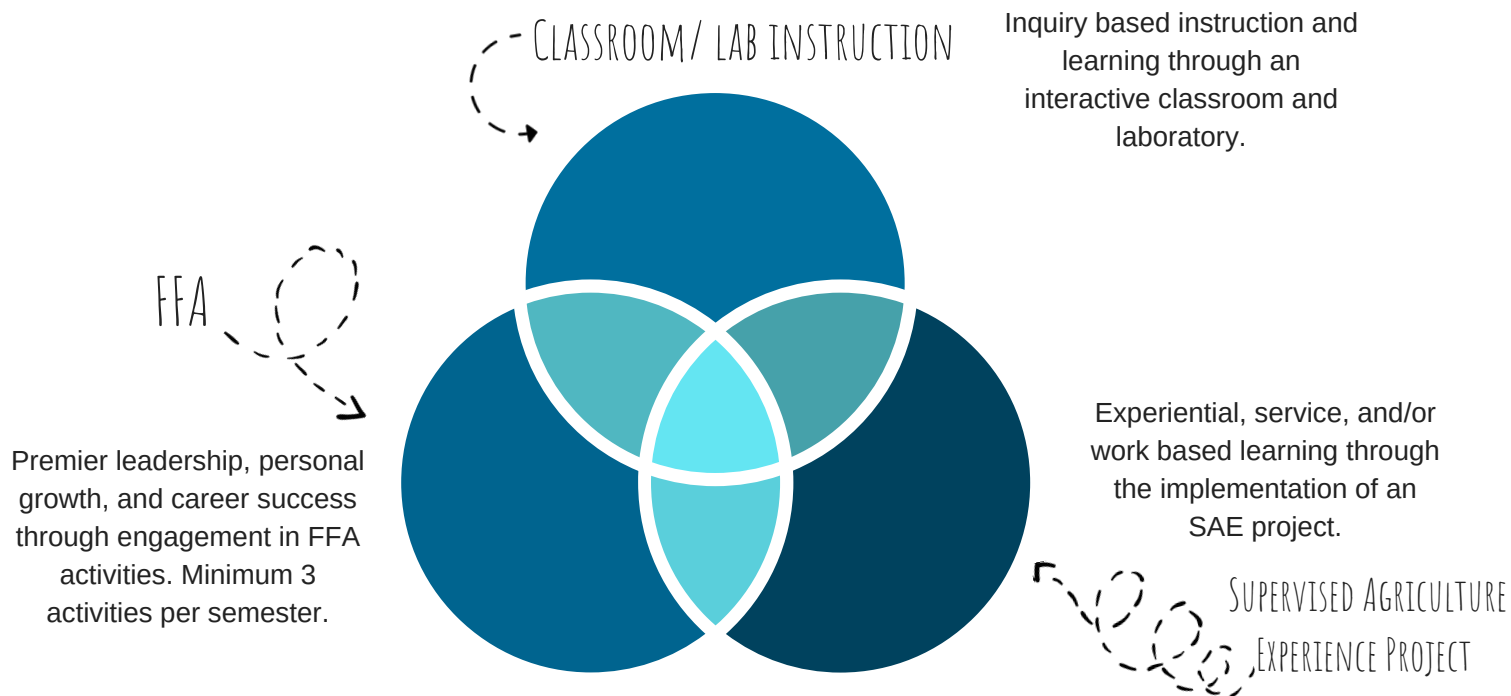
Class assignments and homework will be assigned to reinforce classroom learning. I encourage all students to complete assignments in a timely fashion. Assignments will be due the day they are assigned in class. Homework will be due the next class period unless you are told differently. class assignments and homework will only be eligible for full points if they are turned in on time. Late assignments will be docked 10% of the final grade for each day that the assignment is turned in late.

After two weeks, assignments will only be accepted for up to 60% credit. Assignments late due to legitimate reasons (i.e. absences) should be completed within one week of return in order to earn full credit. It is your responsibility to check with me on assignments you missed due to absences.

Tests & Quizzes

quizzes will be given on a regular basis. Each quiz will focus on newer material, but all information covered during the unit interval will be eligible for testing. After your return from an absence, students should check for any quizzes that might have been missed. You will be required to take the make-up quiz the following class period

Exams will be given at the end of each unit. There will be no retakes! Study ahead of time!



Three Circle Model

COURSE OF STUDY

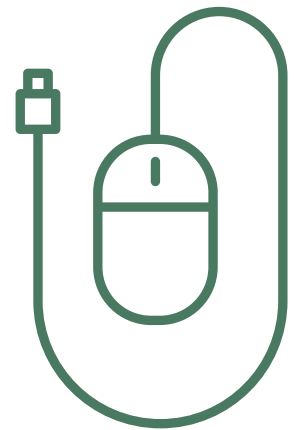
TOPIC	STANDARDS
<ul style="list-style-type: none"> • Introduction • Scientific Method 	Inv/Exp 1a,f,j,l,m,n
<ul style="list-style-type: none"> • Chemistry <ul style="list-style-type: none"> ○ Macromolecules ○ Enzymes 	4e, 1b, 1h, 5a
<ul style="list-style-type: none"> • Ecology (marco level) <ul style="list-style-type: none"> ○ Biodiversity ○ Ecosystem dynamics ○ Biogeochemical cycles ○ Populations 	6a-f
<ul style="list-style-type: none"> • Cells <ul style="list-style-type: none"> ○ Structure/Function ○ Prokaryote/ Eukaryote ○ Bioenergetics ○ Cell Cycle & Mitosis 	1a-j Grade 7 1e
<ul style="list-style-type: none"> • Genetics: Part 1 <ul style="list-style-type: none"> ○ DNA and RNA ○ Central Dogma 	1d 4a-e 5a, b
<ul style="list-style-type: none"> • Genetics: Part 2 <ul style="list-style-type: none"> ○ Meiosis ○ Human Genome ○ Mendelian Genetics ○ Inheritance ○ Biotechnology 	2a-g 3a-d 5c, d, e 7a, b
<ul style="list-style-type: none"> • Evolution <ul style="list-style-type: none"> ○ Natural Selection ○ Darwin ○ Causes & evidence of evolution & relatedness ○ Population Genetics 	7a-f 8a-g
<ul style="list-style-type: none"> • Physiology <ul style="list-style-type: none"> ○ Organ systems <ul style="list-style-type: none"> ▪ Overview of all systems ▪ Nervous ▪ Endocrine ▪ Immune ○ Homeostasis 	9a-i 10a-f

Distance Learning Objectives



VIRTUAL LEARNING EXPECTATIONS

- All virtual learning will be accessed through Google Classroom.
- Communication will be made through the Remind app (make sure you add the class), email, and google classroom.
- All assignments will be uploaded and completed through Google Classroom.
- Late work will be able to be submitted for -10% credit.
- You may email, message on remind, or request a video call on Google Meet or a phone call during my office hours. Offices hours are located on my classroom website on the school webpage. Utilize these office hours for any assignment questions, troubleshooting tech issues, or general questions.
- All grades will be posted to Aeries and feedback will be given on Google Classroom.
- Assessments will be given after the end of each unit and will be given on Google Classroom.
- Class will meet on Google Meets during the scheduled classtime. Be on time, have your video on and be prepared to be engaged in class.



GOOGLE CLASSROOM CODE:

cfvrrfx

INTRO TO AGRICULTURE

CLASS SYLLABUS

Please sign and return this page to indicate that you have carefully read the entire syllabus. If you have any questions regarding this syllabus, please contact me using the contact information provided on the first page.

Thank you very much for your help and support! I'm very much looking forward to working with you this year.

Student Signature

I have read my course syllabus. I understand that I will be held responsible for following all the rules, regulations, and policies explained therein.

Print Name: _____

Signature _____ Date _____

Parent/ Guardian Signature

I have read the course syllabus. I understand that my child will be held responsible for following all the rules, regulations, and policies explained therein. I will use the syllabus (found in my son/daughter's notebook) as a reference tool when necessary.

Print Name: _____

Signature _____ Date _____

Contact Information

Please supply the following information so that I may contact you and keep you updated on your student's progress.

Parent/Guardian Name: _____

Important Telephone Numbers: Daytime: _____ Evening: _____

Which number do you prefer I use for contacting you? _____

Email Address : _____

Please write any information that you would like to share regarding your son/daughter to help us have a positive and successful school year:
