

Horticulture 1 Syllabus

Ms. Alexandria Brodie

Room: 312, Ag Building

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What is Horticulture? This course provides instruction on the broad field of horticulture emphasizing scientific and technical knowledge for a career in horticulture. Topics in this course include plant anatomy, plant growth and development, plant nutrition, media selection, basic plant identification, pest management, innovative gardening techniques, customer relations, career opportunities, and leadership development. Skills in biology, chemistry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

Material needed

- Charged Chromebook
- Binder, Notebook, or Folder
- Paper & pencils
- Color supplies (pencils and/or markers)
- Index Cards
- Closed toed shoes
- Gardening/work gloves (Optional)

Grading Policy

- | | |
|-------------------------------|--------------------|
| • Notebook/Bell Ringers | 15% |
| • Classwork | 20% |
| • Quizzes | 20% |
| • Projects/Tests | 45% |
| • State Assessment Final Exam | 20% of Final Grade |

The following grading scale is used to assign letter grades.

A=90-100	C=70-80	F=Below 60
B=80-90	D=60-70	

Course Outline

Unit A	Leadership, Careers & SAE	20% of course
Unit B	Plant Physiology	30% of course
Unit C	Soils, Nutrients and Fertilizers	30% of course
Unit D	Pest Management	20% of course



Late Work

Students will have 10 days to complete missing work for every 1 day of absence. The students are responsible for reaching out upon return to see what was missed. Canvas will be updated often to reflect the daily agenda and work. Please reach out to Ms. Brodie for questions or concerns.

Restroom/Water Breaks Policy:

Restroom and water breaks should be taken before class. No food or drinks (other than water) should be consumed outside of the cafeteria. Exceptions will be made on a by case basis when teacher approval is given. No two students are allowed to leave class at the same time. No restroom breaks will be allowed during tests; there will be no exceptions to this. On test/quiz day, no restroom breaks will be allowed until your test or quiz is turned in.

Class Rules & Procedures

The Five P's: (In addition, all other school rules, policies, and procedures apply)

1. **Be prompt** – be on time and in your seat when the bell rings; be prompt about turning assignments in on their original due date
2. **Be polite** – and courteous to your peers and instructors
3. **Be productive** – use your class time wisely and to its fullest potential
4. **Be prepared** – come to class with your supplies, chromebook, assignments, and knowledge
5. **Be patient** – everyone learns at their own speed, demonstrate patience and understanding in this classroom
6. Student Code of Conduct will always be followed. This includes but is not limited to:
 - a. No profanity or foul language
 - b. No bullying or harassment
 - c. No phones/earbuds during direct instruction or lab activities
 - d. Remain at your desk until dismissed
7. Harming any plants or animals will **not** be tolerated!
8. Horseplay and failure to follow directions is not tolerated in the classroom, the shop, or outside.
 - a. This is a safety hazard and multiple offenses will result in loss of outdoor/shop privileges. This will in turn impact a student's grade.
9. Be respectful to every living organism (including classmates, faculty, guests, plants, and animals). Bullying, harassment, and disrespect will **not** be tolerated.
10. All technology tools should be used at the appropriate times and put away when asked.
11. Raise your hand to speak during class discussions and presentations and wait for recognition.
12. Teacher and students will actively work to create a collaborative classroom environment that is **respectful** and inclusive to **all**.
13. Students are expected to participate in **all** class activities.

Consequences: Students who violate the classroom and school expectations are subjected to **any** of the following consequences:

- | | |
|-----------------------------|-----------------------------------|
| 1. Verbal Warning | 3. ASO |
| 2. Parent Conference | 4. Administrative Referral |

Entering the Classroom

1. Walk in and go to your seat. Greet any peer that speaks to you.
2. Check the board and canvas for materials needed that day and get them out.
3. Quietly complete your bell ringer for the day.
4. If you finish early, silently complete missing work or read until the lesson begins

Student Information Sheet:

Full Name: _____ Grade: _____

Ag Class: _____ Period: _____

Email: _____

Parent/Guardian Name: _____

Phone #: _____ Call, Text, or Both

Email: _____

Do you have any medical conditions I need to be aware of? Allergies, Asthma, etc?

Notification of Agricultural Lab Risks

We are excited that your student has enrolled in the agriculture program at St. Stephens this school year. This letter is to notify you of some of the risks associated with the hands-on nature of our program and to notify you of the insurance requirement of our courses.

What are Some Potential Risks?

Operating equipment on school grounds. This includes the school power tools, implements, hand tools, shop equipment and other items as appropriate.

Handling livestock. The school may hosts a variety of guest animals in which students have the opportunity to work with various species of stock. There is a risk of students getting kicked, bit, pushed, etc. that naturally occurs when handling these animals.

Risk of zoonotic diseases. There is a slight risk of diseases that can be transferred from animals to humans or vise versa (such as ringworm). The best way of reducing this risk is proper hand washing after working with the animals.

Handling chemicals. We do utilize common agricultural chemicals such as fertilizer, and pesticides in our school laboratories which are handled using proper techniques that keep students safe.

What is the Role of the Agriculture Instructor to Reduce Risk?

As teachers, we will do everything possible to keep your student safe in our program area. We will do this by instructing students on the safe use of equipment and tools, as well as handling stock. In addition, all students will be carefully monitored and supervised for safety compliance. Students are expected to follow all safety guidelines while on premises. Failure to follow all safety guidelines will result in administrative action and discipline for insubordination.

PHOTOGRAPHY / VIDEO RELEASE FOR AGRICULTURAL/FFA EVENTS - BHS FFA

I grant that the North Carolina FFA Association (FFA) and the Bunn High FFA Chapter has my permission to photograph and/or videotape my child for possible appearances and inclusion in any FFA publications, promotional materials, on-air broadcasts or website or used in any other way that is deemed appropriate by FFA for education or for promotion of the North Carolina FFA Association or Bunn High FFA Chapter.

I release FFA, Bunn High School and Franklin County Schools of any liability, claims, demands, damages, actions and causes of actions arising from or connected in any way with the use of the photographs and/or videotapes.

I understand that my child will receive no compensation for participation, and that all photography and videotape resulting from participation will become the sole property of FFA.

I state that I am the parent or legal guardian of _____, and consent to all of the conditions listed above.

Sign below that you have read and understand completely the expectation for the syllabus and agriculture class.

Student Signature

Date

Parent Signature

Date

Please sign and return to Ms. Brodie by January 27th. Thank You! I look forward to a great semester!