



Course Syllabus

Class Information

Fall 2018 Young Scientist Botany
Thursdays 1:00pm ET
15 Weeks

Class Description

Prerequisites: none

Class Description: This course is intended to immerse the student in the world of botany to gain foundational understanding and retain information throughout the course of study. Topics include: seeds, flowers, pollination, fruits, leaves, roots, stems, trees, gymnosperms, vascular and non-vascular plants. Students will enjoy the hands-on approach with several projects and experiments. They will also learn how to write basic lab reports, listen in class, take notes, and study for tests.

Teacher Information

Teacher: Angie Baer
Email: abaer@myfunsience.com
Phone: 330-465-5622

Required Course Materials

[Exploring Creation with Botany](#) by Fullbright. ISBN 1932012494. You only need the text – it can be purchased here and other places online. Lab kits are not provided. Projects and labs will use many household items but other materials such as seeds and potting soil will need to be purchased.

Technical Information

Students will need internet access to participate in the live online classes and to access the class pages online. A headset is preferred, but students will need working audio at a minimum for classes. You'll want to ensure your computer is configured correctly to attend our live classes online or watch our class recordings.

Your Online Class

This online course is delivered entirely online using Adobe Connect for our live class meetings and PowerSchool Learning for all other course interaction. This class contains synchronous (live) and asynchronous (anytime) components.

Synchronous: Classes will meet live for one weekly, 90-minute online session to include lecture, discussion, and assignments, and individual and collaborative activities in real time with the teacher and with classmates. While class attendance is not required, there will be assignments, activities, and quizzes held during class that failure to complete could have an impact on the final grade. Class participation and the opportunity to ask questions and

interact with classmates is a significant part of ensuring that students get the most out of the virtual learning experience.

Asynchronous: In PowerSchool Learning, class pages may be accessed anytime and will include summary information and recordings from live sessions for students who miss class or who would simply like to review a session. Students will also find announcements, links, assignments and grades, enrichment content, ongoing conversation via discussion boards and collaborative spaces, study helps and self-assessments, and other tools and information on class pages to facilitate class interaction and ease of use.

Attendance Policy

Presence: Students are strongly encouraged to attend live classes but are not required to attend live classes. However, students who do miss a class, for whatever reason, will be responsible for viewing the class recording and completing assignments. Recordings of each class are usually available within 24 hours of the class meeting and may then be accessed 24/7 from the course class pages. Students may also review recorded classes at any time.

Participation: Active participation is essential for maintaining the best learning environment. It is also a fun part of learning. Students are not required to attend classes live, but students who do are expected to engage with the teacher and with each other. Outside of live sessions, students are expected to log on and visit the class pages to see and contribute to new content, activities, or assignments. There, students may review class material, keep up-to-date on announcements and assignments, and verify that there have not been any changes to the class calendar and/or agenda. Weekly assignments will be posted the Saturday before class for easy planning.

The Internet may be used in the class to supplement course content and may be accessed by the teacher during live class lectures or by the student outside of live class meetings for general research or for additional information from such government, organizational, individual, or commercial sites that may be beneficial to learning, so parental supervision and participation in the learning process is strongly encouraged.

Class Conduct

Students should conduct themselves in a worthy and appropriate manner, which includes behaving respectfully and politely to each other and the teacher. In both live and asynchronous class activities, students should strive to stay on task and on topic, to use appropriate language, and to be gracious in speech and conduct toward others. Students should use the same guidelines for civil in-person behavior.

Students should strive for proper grammar and spelling in discussion boards and assignments, but the speedy and spontaneous nature of live class chat demands that these conventions may be loosened to facilitate more relaxed, informal communication.

Students who are unable to adhere to this type of conduct may be separated from the class, removed from the session if it continues to occur during a live class session, and will eventually result in parent notification if the behavior is disrupting the class.

Class Schedule and Topical Agenda

FALL SEMESTER

Week 1- Introduction to botany

Week 2- Botany

Week 3- Seeds

Week 4- Flowers

- Week 5- Pollination part 1**
- Week 6- Pollination part 2**
- Week 7- Fruits**
- Week 8- Leaves part 1**
- Week 9- Leaves part 2**
- Week 10- Roots**
- Week 11- Stems**
- Week 12- Trees**
- Week 13- Gymnosperms**
- Week 14- Vascular and Non-vascular plants**
- Week 15- Nature journaling and final review**

Grade Scale and Grading Policy

Ongoing Assignments/Assessments:

Weekly assignments40% of final grade
Assessments/quizzes40% of final grade
Projects/other <u>20% of final grade</u>
	100% total

Grading Scale (in percent):

- A 100-90
- B 89-80
- C 79-70
- D 69-60
- F 59 and Below

Assignment Submission: All assignments are specified in the class pages and on the class calendar, and are to be submitted through the “Dropbox” on students’ class web pages **before midnight ET** on the date they are due.

Make-up/Late Assignment Policy: Assignments are late if they are submitted to the dropbox after the due date. Late assignments will still be accepted up to 5 days after the due date, but late assignments (except in cases of emergency or prior arrangement with the teacher) will result in a deduction of **10 points per day late**. Please take deadlines seriously.

Tips for Student Success

Students who **are fully present, work diligently, actively participate (either via live class attendance or watching recordings promptly and attentively), and consistently communicate** will be the most successful.

Communication: Students who are unable to find something, are unable to remember instructions, are having trouble understanding, or are otherwise having difficulty engaging in the class should take every opportunity to communicate with the teacher. It is important to ask questions and keep an open line of communication about all class related activities for the best learning experience.

Academic Honor and Integrity

Colleges and universities, and indeed every professional and educational environment, take issues of academic honesty very seriously. Research shows that plagiarism, what most people automatically think of when hearing the phrase “academic honesty,” is most often committed when students are pressed for time, care very little about the assignment, or are unaware of what plagiarism is. These issues may be addressed by planning, attitude adjustment, and careful instruction, and these areas of concern may be visited as needed in this class. However,

academic honesty is also much more. It is a matter of integrity. Being a student of integrity includes submitting your own work, working in a timely manner, and demonstrating consistent effort and diligence.

If I suspect plagiarism has occurred, I will notify you, your parents, and the school's Director of Faculty. The resulting grade for the plagiarized assignment or assessment will be a zero. If plagiarism occurs again, action will be taken which could include dismissal from the course.

Philippians 4:8

Finally, brethren, whatever is true, whatever is honorable, whatever is right, whatever is pure, whatever is lovely, whatever is of good repute, if there is any excellence and if anything worthy of praise, dwell on these things.