

## Forsyth County Schools Course Syllabus 2021/2022

COURSE TITLE:	Advanced Placement Biology		
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**Course Description (GaDOE/College Board):** This course is designed to be the equivalent of a two semester college introductory biology course usually taken by biology majors during their first year. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and on in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The topics covered on the course are molecules and cells, heredity and evolution, and organisms and populations.

**Standards:** *Course Content Standards can be found on p. 24*  
<https://apcentral.collegeboard.org/pdf/ap-biology-course-and-exam-description-0.pdf>

**Required Assignments:** *Formal lab reports, individual and/or group projects, lab-based quizzes, unit quizzes and tests, daily formative assignments (labs, review, online activities, etc.)*

**Required Materials:** *Composition notebook (you may want one for each semester), calculator, pens and pencils, You may want your own colored pencils and glue sticks/tape (optional but not required).*

**Availability for Extra Help:** *Extra help is available before (7:45-8:15) and after school (3:45-4:00) every day except Mondays. Students also may obtain passes for help during IF.*

**Makeup Work:** *Make up work is defined as work assigned during a student's absence, not work assigned prior to an absence. The student has five (5) school days upon returning to school to complete make-up work. The teacher has the discretion to grant a longer period to make up work if there are extenuating circumstances.*

### Grading Calculations:

Course Average = 50% (1<sup>st</sup> Sem. Course Work) + 50% (2<sup>nd</sup> Sem. Course Work)

1<sup>st</sup> and 2<sup>nd</sup> Semester Course Work = 75% Summative + 25% Formative

Students who have not taken a previous biology course will have to take the Biology EOC exam.  
EOC Course Average = 40% (1st Sem. Course Work) + 40% (2nd Sem. Course Work) + 20% EOC

### Grading Policy:

A = 90 – 100

B = 80 – 89

C = 70 – 79

Failing = Below 70

*Formative Assessments include, but are not limited to, homework, class work, labs, investigations, practice tests, rough drafts, and sections of projects/research papers/presentations.*

*Summative Assessments include, but are not limited to, unit tests, final projects, final essays, formal lab reports, final research papers, and final presentations.*

**Learning Resources/Textbook(s):** All learning resources, both print and digital, are meant to support and enhance the student learning experience in this class. Below are the names of the textbooks and websites that will be used in this course. Some of the web-based resources require parent permission per federal regulations. Federal laws that guide parent permission requirements are as follows:

- **Children's Internet Protection Act (CIPA):** The school is required by CIPA to have technology measures and policies in place that protect students from harmful materials including those that are obscene and pornographic. Any harmful content contained within inappropriate sites will be blocked. <http://fcc.gov/cgb/consumerfacts/cipa.html>
- **Children's Online Privacy Protection Act (COPPA):** COPPA applies to commercial companies and limits their ability to collect personal information from children under 13 years of age. No personal student information is collected for commercial purposes. <https://www.ftc.gov/tips-advice/business-center/guidance/complying-coppa-frequently-asked-questions-0>
- **Family Educational Rights and Privacy Act (FERPA):** FERPA protects the privacy of student education records and gives parents the right to review records. Under FERPA, schools may disclose directory information in certain circumstances. <http://www2.ed.gov/policy/gen/guid/fpco/ferpa>

Please review the resource list. Each website related to the curriculum resources is provided along with its privacy policies. Should you have any questions regarding these resources, immediately contact the course teacher via email or phone.

Name of Resource*	Hard copy/Website	Privacy Policy
Savvas Realize	Digital platform for <i>Pearson Campbell Biology</i> textbook, supplemental, and assessment material (accessed via ClassLink)	<a href="https://www.savvasrealize.com/privacy/corporate/privacy/learning-services-privacy-policy.html#policyOverview">https://www.savvasrealize.com/privacy/corporate/privacy/learning-services-privacy-policy.html#policyOverview</a>  <a href="https://www.savvasrealize.com/privacyPolicy.html">https://www.savvasrealize.com/privacyPolicy.html</a>
Explore Learning	Digital supplemental material (accessed via ClassLink)	<a href="https://www.explorelarning.com/index.cfm?method=Controller.dspPrivacy">https://www.explorelarning.com/index.cfm?method=Controller.dspPrivacy</a>
Newsela	Digital supplemental material (accessed via ClassLink)	<a href="https://newsela.com/about/privacy-policy/">https://newsela.com/about/privacy-policy/</a>

*\* The following resources are county approved. These resources may vary by school due to sequencing, pacing, curriculum design, and/or individual needs of students.*

Parent Initial for Approval **	Name of Resource	Website	Privacy Policy
	AP Classroom	<a href="#">MyAP</a>	<a href="#">Privacy Policy</a>
	NSTA Podcast for the Classroom	<a href="#">Blick on Flicks</a>	<a href="#">Policy</a>
	M.I.T. OpenCourseware	<a href="#">Science, Technology, &amp; Society</a>	<a href="#">Privacy Policy</a>
	HHMI Biointeractive	<a href="#">Classroom Resources</a>	<a href="#">Ed Framework In Progress</a>
	Crash Course Biology	<a href="#">The Crash Course</a>	Privacy Policy
	Bozeman Science	<a href="#">Bozeman Science</a>	Privacy Policy
	Learn.Genetics Genetic Science Learning Center	<a href="#">Genetic Science Learning Center</a>	<a href="#">Privacy Policy</a>
	Amoeba Sisters	<a href="#">Amoeba Sisters</a>	<a href="#">Privacy Policy</a>
	TED Ed	<a href="#">Science and Technology lessons</a>	<a href="#">Privacy Policy</a>

	CK-12	<a href="#">Classlink Access AP Biology</a>	<a href="#">CK-12 Terms of Use</a>
	Quizlet	<a href="#">Classlink Access</a>	<a href="#">Privacy Policy</a>
	pHET Interactive Simulations	<a href="#">Classlink Access</a>	<a href="#">Privacy Policy</a>
	Gimkit	<a href="#">Classlink Access</a>	<a href="#">Privacy Policy</a>
	Kahoot	<a href="#">website</a>	<a href="#">Privacy Policy</a>
	Nearpod	<a href="#">Classlink Access</a>	<a href="#">Privacy Policy</a>

**\*\* The following resources are web-based resources that require parent permission. By signing the syllabus, the parent is approving these resources. Should you have any questions regarding any of these classroom resources, please contact your student's teacher via email.**

I, \_\_\_\_\_, have read this course syllabus and approve of its contents. I agree to allow my student to use each of the classroom resources listed in the learning resource section. I will support my student in following the classroom expectations outlined in this course syllabus. I agree that I am the person who is legally allowed to consent for my student, whose name is listed below.

\_\_\_\_\_  
Student's Name (Print)

\_\_\_\_\_  
Parent's Name (Print)

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date