

COURSE TITLE: **AP Biology**

TEACHER NAME: Ms. Melissa Smith

E-MAIL: msmith@forsyth.k12.ga.us

ROOM: 449, West Hall

PHONE: 770-781-2264

EXT: 100449

Forsyth County Schools Course Syllabus 2020/2021

Course Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions. Students are expected to take the AP Biology exam in May. This course conforms to College Board topics for the Advanced Placement Biology Examination. This course requires a rigorous college level lab component and utilizes a college text. The prerequisites for this course as indicated by the College Board are successful completion of Biology and Chemistry.

Standards: *Course Standards can be found at <https://apcentral.collegeboard.org/courses/ap-biology/course>.*

Required Assignments: *There will be at a minimum one summative test per unit of study, and there may be various performance based assessments that require writing, research, and creativity. The number of formative grades such as quizzes, homework, notebook checks, etc. will be determined during the course of the school year.*

Availability for Extra Help: *Extra help is available mornings and afternoons by appointment. Help sessions also may be scheduled virtually through Microsoft Teams.*

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:

High School EOC Course Average = 40% (1st Sem. Course Work) + 40% (2nd Sem. Course Work) + 20% EOC

1st & 2nd Semester Course Work = 75% Summative + 25% Formative

Non-EOC Course Average = 50% (1st Sem. Course Work) + 50% (2nd Sem. Course Work)

1st and 2nd Semester Course Work = 75% Summative + 25% Formative

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, 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, 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 of 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:

Initials _____ (every page initialed by parent)

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- **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 13years 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 their privacy policies. Should you have any questions regarding these resources immediately contact the course teacher via email or phone.

Name of Resource*	Digital	Privacy Policy
Biology - McDougal Littell (2008)	http://www.classzone.com/cz/books/bio_07/book_home.htm?state=GA	ClassZone
Campbell Biology 12th Edition	AP Biology Pearson Mastering Biology etext	SAAVAS
OpenStax	Concepts of Biology (Honors) AP Biology	Terms of Service
Georgia Virtual School	Biology AP Biology	http://www.gavirtualearning.org/terms.aspx
Discovery Education	Classlink Access	Discovery Media Terms of Use
NewsELA Biology	Classlink Access CLEVER	NewsELA Privacy Policy
CK-12 FlexBook: Biology	Classlink Access CLEVER AP Biology	CK-12 Terms of Use

** 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	College Board MyAP	Privacy Policy
	NSTA Podcast for the Classroom	Blick on Flicks	Policy
	M.I.T. OpenCourseware	M.I.T. Science, Technology, & Society	Privacy Policy

	HHMI Biointeractive	Classroom Resources	Ed Framework In Progress
	Crash Course Biology	The Crash Course	N/A
	Bozeman Science	Bozeman Science	N/A
	Learn.Genetics Genetic Science Learning Center	University of Utah Genetic Science Learning Center	Privacy Policy
	Amoeba Sisters	Amoeba Sisters	Privacy Policy
	TED Ed	TED Ed Science and Technology lessons	Privacy Policy
	Pearson The Biology Place- BioBench and LabBench	The Biology Place	N/A
	USA Test Prep	Classlink Access	Privacy Policy
	Quizlet	Classlink Access	Privacy Policy
	pHET Interactive Simulations	Classlink Access	Privacy Policy
	Gimkit	Classlink Access	Privacy Policy
	Kahoot	Kahoot website	Privacy Policy
	Nearpod	Classlink Access	Privacy Policy

**** 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 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

Initials _____ (every page initialed by parent)

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