

COURSE TITLE: **Biology**

TEACHER NAME: Rachel Collins

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

ROOM: 1213

PHONE: 770-781-2264

EXT: 101213

## **Forsyth County Schools Course Syllabus 2020/2021**

**Course Description:** The Biology curriculum is designed to continue student investigations of the life sciences that began in grades K-8 and provide students the necessary skills to be proficient in biology. This curriculum includes more abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry.

The state mandated Georgia Milestones End of Course Assessment is required and counts 20% of the student's overall course grade.

**Standards:** Course Standards can be found at [www.georgiastandards.org](http://www.georgiastandards.org)

**Honor Code Statement:** *"This work is completely my own, and is neither the work of someone else, nor an unacknowledged, outside source. I will not share my work, or the contents of any assessment, with others."*

**Learning Resources/Textbook(s):** With the emergence of technology as a tool for learning, South Forsyth High School will be utilizing various resources to assist with instruction, including itslearning, online textbooks, and interactive websites. In addition to these web based instructional tools, this course will also have a classroom set of textbooks. Should you feel that your child would benefit from having a textbook at home in addition to the classroom textbook, please contact your child's teacher.

**Required Assignments:** There will be at least 10 unit tests during the course as well as various performance based assessments that require writing, research, and creativity.

The number of formative grades such as quizzes, homework, etc. will be determined along the course of the school year.

### **Items needed for class:**

- Writing utensils-lots of color is encouraged!
- Three ring binder (1.5 inch) dedicated for Biology only
- Dividers (10)

**Availability for Extra Help:** I am available before school by appointment only. Help sessions may be done virtually through TEAMS. IF can also be utilized for extra help.

**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% (1<sup>st</sup> Sem. Course Work) + 40% (2<sup>nd</sup> Sem. Course Work) + 20% EOC

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

### **Grading Policy:**

Initials \_\_\_\_\_ (every page initialed by parent)

Updated June 2020 dp

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:

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

	CLEVER <a href="#">AP Biology</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
	The Immortal Life of Henrietta Lacks PG-13	<a href="#">Common Sense Media Parent Review</a>	NA
	Outbreak Rated R	<a href="#">Common Sense Media Parent Review</a>	
	Lactose Intolerance Around the World	NLMNIHDHHSUSA.gov National Center for Biotechnology Information, U.S. National Library of Medicine	<a href="#">Policy</a>
	NSTA Podcast for the Classroom	<a href="#">Blick on Flicks</a>	<a href="#">Policy</a>
	M.I.T. OpenCourseware	<a href="#">M.I.T. Science, Technology, &amp; Society</a>	<a href="#">Privacy Policy</a>
	HHMI biointeractive	<a href="#">Classroom Resources</a>	<a href="#">Ed Framework In Progress</a>
	How to fight desertification and reverse climate change	<a href="#">TEDTalks video</a> highlights global human impact resulting in desertification	<a href="https://www.ted.com/about/our-organization/our-policies-terms/privacy-policy">https://www.ted.com/about/our-organization/our-policies-terms/privacy-policy</a>
	Gene Editing	<a href="#">Paired Texts &amp; Argumentative Performance Task</a>	<a href="#">NewsELA Privacy Policy</a>
	Human Population Time Lapse to 2050	<a href="#">American Museum of Natural History</a> download	
	CRISPR Explained	<a href="#">Mayo Clinic</a> clip	
	Testing Gene Editing for Sickle Cell Disease	<a href="#">Stanford Children's Health   Lucile Packard Children's Hospital Stanford</a>	
	Avatar PG-13	<a href="#">Common Sense Media Parent Review</a>	
	YouTube: Amoeba Sisters	<a href="https://www.youtube.com/">https://www.youtube.com/</a>	
	YouTube: Crash Course	<a href="https://www.youtube.com/">https://www.youtube.com/</a>	
	Quizlet	quizlet.com	

**\*\* 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)

Updated June 2020 dp