

Forsyth County Schools
Course Syllabus 2021/2022

COURSE TITLE:	Human Anatomy & Physiology		
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Course Description (GaDOE): The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body. Whenever possible, careers related to medicine, research, health-care and modern medical technology should be emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e. real-life applications) should be emphasized.

Standards: *Course Standards can be found at*

<https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Human-Anatomy-and-Physiology-Georgia-Standards.pdf>

Required Assignments: There will be at least 6-unit tests during the course, as well as various performance based assessments that require writing, research, and content skills. There will be an independent summative project each semester as well as several collaborative group projects, including argument driven inquiry labs. We will conduct three dissections- a sheep brain (nervous system), a sheep heart (cardiovascular system) and a three weeklong intensive cat dissection. The number of formative grades such as quizzes, assignments, labs etc. will be determined during the course of the school year. Most assignments will either be content building exercises or content practice, for preparation of assessments. Assignments are graded via an 'assignment check' completion where one double formative grade is put into the grade book for every ten assignments. Units that will be covered include: 1. Intro to Anatomy and Physiology, 2. Histology, 3. Integumentary, 4. Skeletal, 5. Muscular, 6. Nervous/Senses, 7. Endocrine, 8. Cardiovascular/Blood, 9. Respiratory, 10. Lymph/Immunity, 11. Digestive, 12. Urinary and Reproductive. 13. CAT DISSECTIONS (double summative)

Required Materials: A method to write notes and organize handouts- I suggest a 3 ring binder! You may also want colored pencils/pens for labeling and drawing activities, as well as non-drying modeling clay if you do not wish to share with the class.

Availability for Extra Help: I am available Monday, Wednesday and Thursday mornings from 7:40-8:15, and afternoons by appointment. Most importantly: UTILIZE 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% (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, 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.

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

Name of Resource*	Hard copy/Website	Privacy Policy
Explore Learning	Digital supplemental material (accessed via ClassLink)	https://www.explorelearning.com/index.cfm?method=Controller.dspPrivacy
Newsela	Digital supplemental material (accessed via ClassLink)	https://newsela.com/about/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.**

Parent Initial for Approval **	Name of Resource	Website	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
	Youtube Channels (Crashcourse, Scishow, TedEd, Healthcare Triage, etc.)	Youtube	Privacy Policy
	Mouse Party	Learn Genetics Utah	Privacy Policy
	Gimkit	Classlink Access	Privacy Policy

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