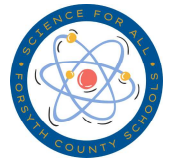


Forsyth County Schools

Human Anatomy & Physiology Syllabus 2024/2025



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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 creativity. 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, homework, etc. will be determined during the course of the school year. Units: 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:

Availability for Extra Help: Utilize IF! I will also be available most mornings from 7:40-8:15 and after school until 4:00 (longer by appointment).

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.

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Academic Integrity

- *It is the expectation of Forsyth County Schools that students exhibit academic integrity when submitting evidence of learning. When students submit evidence that does not authentically represent what they know and can do, the evidence is rendered invalid. Examples of academic dishonesty are outlined in both the Family Engagement Guide & Student Handbook and The Forsyth County Schools Code of Conduct. Depending on the severity of the situation, academic dishonesty/cheating may result in the loss of credit, completing an alternative assignment and/or disciplinary consequences up to a tribunal referral.*

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
Body Structures and Functions, 14th ed.	Cengage Digital Access through ClassLink	https://cengage.widen.net/view/pdf/hk69f4p7oq/cengage-privacy-notice-october-2020-1508150.pdf?t.download=true&u=lpaabn
Explore Learning	Digital supplemental material (accessed via ClassLink)	https://www.explorelearning.com/index.cfm?method=Controller.dspPrivacy
Pivot Interactives	Digital supplemental material (accessed via ClassLink)	https://www.pivotinteractives.com/privacy-policy
Discovery Education	Digital supplemental material (accessed via ClassLink)	https://www.discoveryeducation.com/privacy-policy/

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

**** 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>Parent Initial for Approval **</i>	<i>Name of Resource</i>	<i>Website</i>	<i>Privacy Policy</i>
	<i>National Center for Case Study Teaching in Science (National Science Teaching Association)</i>	https://www.nsta.org/case-studies	Privacy Policy
	<i>HHMI biointeractive</i>	Classroom Resources	Ed Framework In Progress
	<i>Youtube Channels (Crashcourse, Scishow, TedEd, Healthcare Triage, etc.)</i>	Youtube	Privacy Policy
	<i>Mouse Party</i>	Learn Genetics Utah	Privacy Policy
	<i>Nearpod</i>	Classlink Access	Privacy Policy
	<i>Various science "current event" articles from news sources</i>	New York Times , The Atlantic , Nautilus , National Geographic	NYT Privacy Policy Atlantic Privacy Policy Nautilus Privacy Policy
	<i>Gimkit</i>	https://www.gimkit.com/	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.

I understand the requirements my child will have to meet to pass this course. I also understand the BYOT contract and the self-control/responsibility my child will need to use with their personal technology and if my child is inappropriately using their personal technology the teacher can remove it from their possession.

_____ ***I prefer primary contact by e-mail. My e-mail address is:*** _____

_____ ***I prefer primary contact by phone call. My phone number is*** _____

Guardian Signature

Date

Student: _____ *(initial)* I UNDERSTAND AND WILL ABIDE BY THE BYOT POLICY AND GUIDELINES. I FURTHER UNDERSTAND THAT ANY VIOLATION IS UNETHICAL AND MAY RESULT IN THE LOSS OF MY NETWORK AND/OR TECHNOLOGY PRIVILEGES AS WELL AS OTHER DISCIPLINARY ACTION.

_____ *(initial)* I UNDERSTAND THE REQUIREMENTS OF THIS COURSE, WHICH INCLUDE DISSECTIONS AND IN-DEPTH DISCUSSIONS AND VISUALS PERTAINING TO ALL ASPECTS OF THE HUMAN BODY.

Student's Name (Print)

Student's Name (Signature)