

**Westside High School**  
**Human Anatomy and Physiology Course Syllabus**  
(2020 – 2021)

**Instructor: Mr. Zumbro (zumbrjo@boe.richmond.k12.ga.us)**  
**Phone: (706) 868-4030**  
**Room: 129**

**Welcome! Human Anatomy and Physiology is the study of the structure and function of the human body. Students will learn what the body is made up of and how these parts work. I am here to help and support you. I want you to succeed and do well in this course. I am looking forward to having a great year.**

**Course Description**

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; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. Chemistry should be integrated throughout anatomy and not necessarily taught as a stand alone unit. 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.

**Instructional Philosophy**

Students will master the Georgia Performance Standards for Human Anatomy and Physiology through hands-on activities, laboratory experiments and cooperative learning. Students will also use technology to complete various activities and assignments.

**Major Course Projects & Instructional Activities**

Assignments will include tests, quizzes, laboratories, homework, class work, and various projects.

**Course Assessment Plan**

<b><u>Categories</u></b>	
<b><u>Tests/Projects</u></b> -----	<b>40%</b>
<b><u>Labs</u></b> -----	<b>20%</b>
<b><u>Quizzes, CW/Discussion, DIN/TOTD</u></b> -----	<b>35%</b>
<b><u>HW/Tutoring</u></b> -----	<b>5% (Extra help)</b>

Any student can consult the teacher for extra help to master any standard he/she may be having difficulty with!

\* (Students may come after school for tutoring at a prearranged date between 2:30 and 4:00 pm. After school)

## Classroom Expectations

The Richmond County Board of Education discipline policy will be strictly followed. The overriding **classroom rule** is: **Respect is the rule. The rule is respect.** Additional rules are as follows: **Bring all books and material to class, come to class on time, do not bring candy, gum, drinks or food into classroom, ALL technology, especially CELL PHONES, will only be used for instructional practices when allowed!!** Each class will establish their own additional rules if needed. The first violation will result in documentation and a warning. The second violation will result in the student being assigned detention and a parent or guardian will be contacted. The third violation will be referred to the administration.

## Supplies and Materials Needed

3- ring binder, dividers (3 - 4), notebook paper, pencils/pens, colored pencils

## Grading Policy

Students will be awarded grades based on the Richmond County Board of Education policy. Grades will be earned on a 9-week system and progress reports will be sent once during each of the nine weeks. All make-up work should be discussed with the teacher on the first day that the student returns to school following any absence and is the **sole responsibility of the student**. Students will be given one week to complete missed assignments due to **excused absences**. **Late work** will result in points being deducted from the grade.

## Course Outline (9 weeks)

### 1<sup>st</sup> 9 weeks

Unit 0: *Think Like a Scientist*

Unit 1: *Introduction to the Human Body*

\**Basic Chemistry*

\**Cells and Tissues*

Unit 2: *Protection, Support, & Movement*

\**Skin and Body Membranes*

### 2<sup>nd</sup> 9 weeks

Unit 2: *Protection, Support, & Movement (cont.)*

\* *The Skeletal System*

\* *The Muscular System*

\* *Special Senses*

### 3<sup>rd</sup> 9 weeks

Unit 3: *Integration & Coordination*

\* *The Endocrine System*

\* *The Nervous System*

Unit 4: *Transport, Absorption, & Excretion*

\* *The Lymphatic System and Body Defenses*

\* *The Cardiovascular System*

### 4<sup>th</sup> 9 weeks

Unit 4: *Transport, Absorption, & Excretion*

\* *The Respiratory System*

\* *The Digestive System*

\* *The Urinary System*

Unit 5: *Human Life Cycle*

\**The Reproductive System*

## **Cheating and Plagiarism will not be tolerated.**

A. **Cheating** - Cheating is the practice of dealing dishonestly or deceptively with someone to obtain some advantage or gain. Students caught cheating on a test or assignment will receive a zero.

B. **Plagiarism** – Plagiarism is the act of taking (ideas, writings, words) from (another) and passing them off as one's own.

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**I have read and understand the guidelines in the Human Anatomy and Physiology Course Syllabus:**

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Parent/Guardian Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Date**