**Physical Science Syllabus & Class Expectations**

Mr. David Wiegert

Room 1216

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**Course Description:** The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to have a richer knowledge base in physical science. The standards in this course are designed as a survey of the core ideas in the physical sciences. Those core ideas will be studied in more depth in the chemistry and physics courses.

More detailed information and current standards about this course can be found at:

<https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Physical-Science-Georgia-Standards.pdf>

**Course content & topics of study:**

1st Semester (Physical Science A) 2nd Semester (Physical Science B)

-- Safety & Scientific Processes -- Nature of Matter

-- Force, Mass, & Motion -- Atomic Structure & Radioactivity

-- Energy Transformations -- Periodic Table

-- Waves, Light, & Sound -- Solutions

-- Electricity & Magnetism -- Acids & Bases

**Materials**

**Textbook: *Physical Science* -- classroom set or online only (through end of first semester)**

* 2-inch 3 ring binder (x2)
* Notebook paper
* Pencils, pens (blue or black ink)
* Dry erase markers
* Scientific calculator (TI-30 series is preferred & can be used in future Chemistry and Physics classes)
* Colored pencils/ highlighters/ note cards
* *Box of Kleenex or hand sanitizer to be used in our classroom (optional)*

**Grading**

Grades will be updated weekly and available to parents and students via the infinite campus parent portal. Students and parents should check grades regularly. This course includes a cumulative exam at the end of each semester. The *semester average* will be determined as follows:

Major Assessments 45%

Minor Assessments 20%

Daily Work 15%

Final Exam 20%

**Tutoring/Remediation**

I will be available for tutoring every Monday and Wednesday in room 1216 from 3:00-3:30. Additional opportunities will be provided during SOAR sessions throughout the semester and during designated class time.

**Honor Code**

Cheating will not be tolerated, and IT DOES NOT ULTIMATELY HELP YOU LEARN! Any student involved in copying assignments, tests, and/or answers (physically or electronically) will not receive credit for the assignment and may be referred to an administrator for review period parents/guardians will be notified should their students lose credit for any class grade due to an honor code violation.

**Classroom Rules**

1. BE READY

* Arrive on time.
* Actively participate in class discussions and labs.

1. BE RESPONSIBLE

* Bring all necessary supplies and materials to class every day.
* Take care of classroom/school property.

1. BE RESEPCTFUL

* Treat everyone with respect.
* Be polite to the teacher and your classmates.
* Food and drink are not permitted in the classroom (except water in a closed container).

**\*\*Students are expected to follow the VHS Student Code of Conduct at all times.\*\***

**Consequences**

1st offense – Verbal warning and conference with student

2nd offense – Written warning sent to parent/guardian (text or email)

3rd offense – Detention in Mr. Wiegert’s classroom (3:00-3:15)

4th offense – Office Referral

\*Note: The time of detention is nonnegotiable and will be held in room 1216 from 3:00-3:15 (Monday-Thursday). Be prepared to do homework or complete classroom chores. Failure to report to detention will result in Administrative Detention. Please see the VHS Student Handbook.

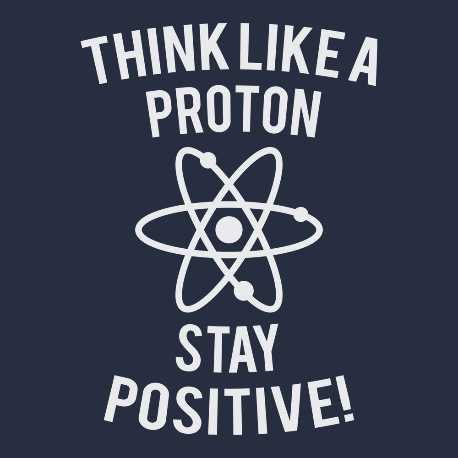
**VHS Retesting Policy**

Students will have the opportunity to re-take two major assessments per semester, after completing tutoring/corrections. A re-test cannot replace a zero for a task that was never initially completed.

**Additional Tools & Resources:**

**Chromebooks:**  All students are issued a district-provided Chromebook for instructional purposes, student engagement, and student learning. Chromebook use is at the direction and discretion of the classroom teacher.

**Canvas:** Encourage blended learning, online assignments will be posted weekly through the Canvas platform. At least one canvas assignment per week will be graded and entered in infinite campus. Students should be familiar with how to navigate the online platform, communicate with the teacher, and submit assignments on time. If there are technology limitations, please notify the teacher.



“*Teaching is more than imparting knowledge; It is inspiring change. Learning is more than absorbing facts;   
 it is acquiring understanding.”*

-- William Arthur Ward

**PARENT/STUDENT ACKNOWLEDGMENT**

**Physical Science**

**Mr. Wiegert**

By signing below, I acknowledge that I have received, read, and understand the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, textbook information, materials required, and tutoring information provided in the syllabus for the physical science course. I will support Mr. Wiegert’s efforts to ensure my student is successful in this class. I acknowledge that my student must abide by the lab safety rules as outlined and any others provided by Mr. Wiegert. I have contact information to communicate with Mr. Wiegert, as needed.

Parent/Guardian, please include your e-mail address and the single best phone number at which to contact you between 7:15-3:30.

Student Name (print): Period:

Parent/Guardian Name (print):

Phone Number:

Parent/Guardian E-Mail:

Student Signature Date

Parent/Guardian Signature Date

Comments:

**LAB SAFTEY CONTRACT**

**General Safety Rules:**

* Follow all written and verbal instructions as provided
* Wear proper eye/clothing protection at all times.
* Conduct yourself in a responsible & safe manner in the laboratory environment.
* Be knowledgeable of equipment, safety symbols, & techniques required for each lab.
* Know where/how to get help in an emergency, including the location of the first aid, safety shower, eyewash, fire extinguisher, and fire blanket.

Students must pass a lab safety quiz with an 80 or higher to be permitted to participate in lab activities.

**Questions:**

1. Do you wear contact lenses? \_\_\_ YES \_\_\_ NO
2. Are you color blind? \_\_\_ YES \_\_\_ NO
3. Do you have allergies? \_\_\_ YES \_\_\_ NO

If so, list specific allergies:

1. Is there any medical condition that I need to be aware of? \_\_\_ YES \_\_\_NO

If so, please explain:

I have read, understand, and agree to follow the lab safety rules outlined above, located in the lab safety materials, and any others provided in the future. I will conduct myself safely & appropriately at all times in the lab environment. I understand that failure to do so may result in not receiving credit for the lab and/or an office referral.

Student Signature Date

**Dear Parent or Guardian:**

We feel that you should be informed regarding the school's effort to create and maintain a safe science/ laboratory environment. With the cooperation of the instructors, parents, and students, a safety instruction program can eliminate, prevent, and correct possible hazards. You should be aware of the safety instructions your son for his daughter will receive before engaging in any laboratory work period no student will be permitted to perform laboratory activities unless this contract is soundtrack signed by both the student and the parent/guardian and is on file with the teacher. All students must also pass a lab safety quiz with an 80 or higher to be permitted to participate in lab activities.

Your signature on this form indicates that you have discussed the importance of lab safety in the laboratory with your son/daughter, are aware of the measures taken to ensure the safety of your son/daughter in the science laboratory, and will instruct your son/daughter to uphold his/her agreement to follow the rules and procedures in the laboratory setting.

Parent/Guardian Signature Date