

Physical Science Course Syllabus

Instructor: Mrs. Meagan Borders

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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. This curriculum, as outlined by the Georgia Performance Standards, will explore the concepts of motion, force, sound, light, electricity, magnetism, matter, and energy. Students will also further develop skills including scientific processing, mathematical problem solving, and laboratory investigations.

For more detailed standards, please go to:

https://www.georgiastandards.org/standards/Georgia%20Performance%20Standards/Physical_Science_Revised_06.pdf

COURSE CONTENT**FIRST SEMESTER**

- Safety & Scientific Processes
- Newton's Laws of Motion
- Energy Transformations
- Waves, Light, & Sound
- Electricity & Magnetism

SECOND SEMESTER

- Nature of Matter
- Atomic Structure & Radioactivity
- Periodic Table
- Chemical Bonding & Reactions
- Solutions
- Acids & Bases

Required Materials

Textbook: *Physical Science* (Issued to student. Replacement cost: \$34.95)

- Composition Notebook
- Notebook Paper
- Pencil, Pen (blue or black ink)
- Calculator (*TI-30 series is preferred & can be used in future Chemistry & Physics classes*)
- Colored Pencils/Highlighters/Notecards (*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 the semester. There will be no extra credit given during the course. The *semester average* will be determined as follows:

Major Assessments	45%	Daily Work	15%
Minor Assessments	20%	Final Assessment/EOC	20%

Late Work Policy

Students are expected to communicate with the teacher if work will not be turned in by a given due date. Late work will not be accepted after the unit test.

Tutoring

Tutoring times will be Tuesday and Thursday morning from 7:25-7:55, except for days there are scheduled meetings.

Student 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.

Honor Code

The academic integrity of courses at VHS is of the utmost importance; as such, cheating or academic dishonesty will not be tolerated. If a student cheats or plagiarizes on any assessment, the result is a zero as a placeholder until the student has had the opportunity to demonstrate learning on an alternate assignment; the teacher must make parent contact. If the cheating or plagiarism occurs on a major assessment, the student should be referred to an administrator for review. Cheating or plagiarism on a major assessment will also result in in-school suspension. The ISS assignment will be progressively graduated if it is a repeated offense.

VHS Retesting Policy

Students may re-take two major assessment per semester, after completing tutoring/corrections, except those assessments where cheating occurred. A re-test cannot replace a zero for a task never initially completed. The re-test should be completed within 5 days of the original assessment.

Communication

The HCSD Mobile App (Apptegy) will be used to share class announcements, important updates, and reminders. Please log in using the information provided by the school and enable notifications so you don't miss important information

Procedures and Expectations:

- Arrive ready for class; be seated and ready to begin when the bell rings.
- Treat everyone with respect; be polite toward the teacher and peers.
- Food and drink other than water are not permitted in the classroom/lab.
- Do not spray perfume, or use products with a strong scent, as this may be disruptive to classmates.
- Take pride in our classroom and lab by keeping it clean; do not write on textbooks and/or desks.
- When others are talking, pay attention and listen; do not talk while others are talking.
- Personal devices of any kind are not allowed during class; all devices should be turned off and kept in the students' backpack.

****Students are expected to adhere to the VHS Student Code of Conduct at all times****

Attendance

- Students should make every effort to be in class every day. If absent, **it is the student's responsibility to obtain missed assignments/notes from a classmate or teacher.** See the missing assignment folder in the classroom.
- If a test is missed, it is the student's responsibility to schedule a day to make-up the test within 5 school days. If a lab is missed, it will be the teacher's discretion if an alternate assignment or make-up lab is provided.
- If you are not in the classroom when the bell rings you will be marked tardy

Consequences

- Minor disruptions/infractions will receive warnings, conferences, and/or parent phone calls.
- An office referral will occur for major disruptions/infractions, failure to serve assigned detention, or after repeated detention assignments.

PRINTED STUDENT NAME

PERIOD**LAB SAFETY CONTRACT**

General Lab Safety Rules

- Follow all written & 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, eye wash, 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:
4. Is there any medical condition that I need to be aware of? If so, please list:

I have read, understand, and agree to follow the lab safety rules outlines 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**PARENT ACKNOWLEDGMENT**

I have read the information provided in the course syllabus and understand the policies, procedures, and expectations. I will support Mrs. Borders' efforts to ensure my student is successful in this class. I acknowledge that my student must abide by the lab safety rules as outlined above and any others provided by Mrs. Borders. I have contact information to communicate with Mrs. Borders if needed:

Email: meagan.borders@hcbe.net

Phone (478) 218-7537

PRINT PARENT NAME

PARENT PHONE #

PARENT SIGNATURE

DATE

PARENT EMAIL #1

PARENT EMAIL #2

COMMENTS: _____