

# Physical Science Course Syllabus

2023-2023

Coach Gamble Room 805

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Villa Rica High School

## Course Objectives

The Physical Science curriculum is designed to continue student investigations of the physical sciences. Also, throughout the course, students will acquire an understanding of the general characteristics of matter and its characteristics through activities and laboratory investigations. A general pacing guide is listed below.

<b>1st 9 weeks:</b>	<b>2nd 9 weeks:</b>	<b>3rd 9 weeks:</b>	<b>4th 9 weeks:</b>
<ul style="list-style-type: none"><li>• Atoms and the Periodic Table</li><li>• Bonding and Chemical Reactions</li><li>• Conservation of Matter</li></ul>	<ul style="list-style-type: none"><li>• Solutions, Acids and Bases</li><li>• Molecular Motion</li><li>• Flow of Energy</li></ul>	<ul style="list-style-type: none"><li>• Radioactivity</li><li>• Motion and Forces<ul style="list-style-type: none"><li>◦ Speed, Velocity and Acceleration</li></ul></li><li>• Newton's Laws</li></ul>	<ul style="list-style-type: none"><li>• Simple Machines and Gravity</li><li>• Electricity and Magnetism</li><li>• Waves</li></ul>

## Grading

The curriculum for this course has been outlined by Georgia Standards of Excellence. Students must demonstrate mastery of these standards by way of Quizzes and/or Unit Tests. Grading will be cumulative for the semester and is weighted as follows:

Mastery of Standards (quizzes and tests).....	60%
Daily Work (including labs).....	40%

If remediation sheets are offered for quizzes, they can be completed to earn half credit back on the quiz grade. Students will have the opportunity to retake a failed quiz within 5 days after receiving the remediation sheet. They are allowed only 2 retakes per semester.

## Required materials:

- 3-ringed binder
- Notebook paper
- Pencils
- Pens



## Policies and Procedures

1. **When you have a question:** Raise your hand, and I will be glad to answer it. If it is an inappropriate time to ask the question or you feel uncomfortable asking it, you can ask me after class.
2. **To leave your seat:** If for any reason you need to leave your seat (to sharpen your pencil, go to the restroom, an emergency, etc.), raise your hand and ask for permission before leaving your seat.
3. **When you need to go to the restroom:** Raise your hand for permission. Remember that restroom passes are to be used sparingly and you will talk with me if you are going to frequently.
4. **You must be prepared daily:** You are expected to be prepared with your notebook, writing utensil, (and calculator, if needed) every day. All other personal belongings must be stored under your desk.
5. **Late Work:** On the due date of any assignment, work must be turned in at the beginning of class. Work will **NOT** be accepted after ONE week from the due date.
6. **When You Are Absent:** Please ask for your make-up work before class on the day you return. You have 3 school days to make up any assignments that you missed for full credit. After this time, the normal late policy will be applied. An alternative assignment may be given when appropriate. Work will **not** be accepted after a week from the time it is collected.
7. **Food and drink:** Food is allowed, but privileges will be revoked if students are leaving a mess. Only drinks with a screw top will be allowed to reduce the chance of spills.
8. **Laboratory behavior:** Appropriate laboratory behavior is expected at all times. You are expected to read and understand lab safety guidelines outlined in the Flinn Lab Safety Contract. Any unsafe or off-task behavior will result in dismissal from the lab area and a possible grade of zero. Loss of all lab privileges may result.
9. **Cheating:** Cheating of any kind on any assignment will result in a non-negotiable grade of zero. Cheating includes sharing answers on classwork or homework.
10. **Cell Phones:** School policy is to cut out phone usage completely in class. As you enter class you will place your phone in the cell phone caddy hanging in the classroom. Phones will not be retrieved until the end of class.

**\*Noncompliance with any expectation will result in disciplinary action, as outlined in the VRHS student handbook**