Teacher Contact Info		Supply List	Grading Policy
Room:	618	• Binder with notebook paper • School Issued Laptop • Scientific Calculator • Pencils/ Paper	Major Grades (40%) • Tests • Lab Reports • Projects Minor Grades (60%) • Quizzes • Smaller Assessments
Email:	rohdede@boe.richmond.k12.ga.us		
Tutoring:	Available By Appointment		
Remind:	@rohapphys		
3rd Period AP Classroom:	Z2YZ6P	7th Period AP Classroom	7ZQ4QN

I. Course Description:

Physics is a fundamental scientific field that explores the nature and properties of matter and energy. It seeks to understand the fundamental principles governing the universe, from the smallest subatomic particles to the largest galaxies. AP Physics 1 is an introductory college-level physics course that explores the foundational principles of physics through inquiry-based investigations. Throughout the course, students engage in hands-on laboratory work and inquiry-based learning to develop a deep understanding of physical concepts and their real-world applications. The course emphasizes critical thinking, problem-solving, and the application of algebraic methods to solve physics problems.

AP Physics 1 prepares students for the AP exam and provides a strong foundation for further studies in science, engineering, and other related fields.

II. Instructional Philosophy

As an educator, my teaching philosophy is rooted in the belief that meaningful learning occurs when students are actively engaged, supported by strong relationships, and immersed in authentic learning experiences.

1. Commitment to Lifelong Learning: I believe that education is a lifelong journey. My goal is to inspire a love for learning in my students by creating a classroom environment that encourages curiosity, critical thinking, and a growth mindset. I strive to make learning relevant and exciting, helping students see the connections between their studies and the world around them.

2. Building Strong Relationships: Relationships are at the heart of effective teaching. I prioritize creating a supportive and inclusive classroom community where every student feels valued and respected. By fostering positive relationships, I aim to build trust and open lines of communication, allowing students to feel comfortable taking risks and expressing their ideas. I believe that when students know their teacher cares about them as individuals, they are more motivated to engage and succeed.

3. Authentic Learning Experiences: I am committed to providing authentic learning experiences that connect classroom content to real-world applications. By incorporating project-based learning, hands-on activities, and interdisciplinary approaches, I help students develop practical skills and a deeper understanding of the material. Authentic learning experiences not only enhance student engagement but also prepare them for future challenges by promoting problem-solving, collaboration, and creativity.

4. Student-Centered Approach: My teaching approach is student-centered, recognizing that each learner is unique with their own strengths, interests, and needs. I differentiate instruction to accommodate diverse learning styles and provide opportunities for students to take ownership of their learning. By offering choices and encouraging self-directed learning, I empower students to become active participants in their educational journey.

5. Reflective Practice: I believe in the importance of reflective practice for both students and educators. I regularly seek feedback from my students and colleagues to continuously improve my teaching methods. I also encourage students to reflect on their learning experiences, helping them develop self-awareness and a deeper understanding of their progress.
   In summary, my teaching philosophy is centered on fostering a love for learning, building strong relationships, and providing authentic learning experiences. By creating a supportive and engaging classroom environment, I aim to inspire my students to reach their full potential and become lifelong learners.

III. Course Overview

Unit
Kinematics
Dynamics
Uniform Circular Motion
Energy
Momentum
Simple Harmonic Motion
Torque and Rotational Motion
Fluids
Review for AP Test
AP Test on MAY 16th! @ 8 am

IV. Expectations

In this class we are a team. As your coach I expect the following behavior in class:

R- Respect
O-Open Mindedness
H- Honesty
D- Dedication
E-Engagement

If you can come to class and do those five things every day there is no reason you shouldn't learn and be prepared to do your best on the AP test.

Don't hesitate to reach out with any questions or concerns. We are in this together! I'm here for you.
Mrs. Rohde