**Physics**

Angelica L. Briers

Email: brieran@boe.richmond.k12.ga.us

**Office Hours:** Monday-Friday *Open door policy:* Please come see me with any questions or concerns during office hours or between classes.

**Tutoring Schedule:** I am available for tutoring sessions by appointment. Please see me if you need to arrange a session. You also have **FEV Tutor available to you free of charge**!

**Physics Course Description:** The Physics Georgia Standards of Excellence are designed to continue the student investigations of the physical sciences that began in grades K-8, and provide students the necessary skills to be proficient in physics. These standards include more abstract concepts such as nuclear decay processes, interactions of matter and energy, velocity, acceleration, force, energy, momentum, properties and interactions of matter, electromagnetic and mechanical waves, and electricity, magnetism and their interactions. Students investigate physics concepts through experiences in laboratories and field work using the science and engineering practices of asking questions and defining problems, developing and using models, planning and carrying out investigations, analyzing and interpreting data, using mathematics and computational thinking, constructing explanations and designing solutions, engaging in argument from evidence, and obtaining, evaluating, and communicating information. (Georgia DOE).

**Classroom Expectations/Rules:**

* I expect you to give me 100% effort! I am here to help you, be sure to ask questions during class.
* No question is too easy or hard: Let’s work together!
* Be respectful to yourself, peers, and teacher
* Students will remain seated unless directed.
* HAVE FUN!

**Consequences**

* 1st Offense: Verbal warning.
* 2nd Offense: Call home
* 3rd Offense: 1-hour detention in the morning & parental notification
* 4th Offense: Automatic referral to Principal/Parent conference

**Grading Policy**

*Scale:* 90-100 (A), 80-89 (B), 75-79 (C), 70-74 (D), 69 and below(F)

***Major Grade*** *(60%):* Tests, Projects **Minor Grade** (40%): Classwork, Quiz, Homework and Warm-ups

*Final is 10% of your overall grade.*

**Required Materials**: Pencils and Pens, Spiral/Composition notebook, and colored pencils.

***All work can be accessed on Canvas and additional hard copies in the classroom***

 **Chemistry**

Angelica L. Briers

Email: brieran@boe.richmond.k12.ga.us

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**Chemistry Course Description:** The Chemistry Georgia Standards of Excellence are designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. These standards include more abstract concepts such as the structure of atoms, structure and properties of matter, the conservation and interaction of energy and matter, and the use of Kinetic Molecular Theory to model atomic and molecular motion in chemical and physical processes. Students investigate chemistry concepts through experiences in laboratories and field work using the process of inquiry. Chemistry students use the periodic table to help with the identification of elements with particular properties, recognize patterns that lead to explain chemical reactivity and bond formation. They use the IUPAC nomenclature in order to predict chemical names for ionic (binary and ternary), acidic, and inorganic covalent compounds, and conduct experiments to manipulate factors that affect chemical reactions. (Georgia DOE).

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