



Classroom Policies and Expectations

Integrated Physics and Chemistry

Mr. Beal

Room 207

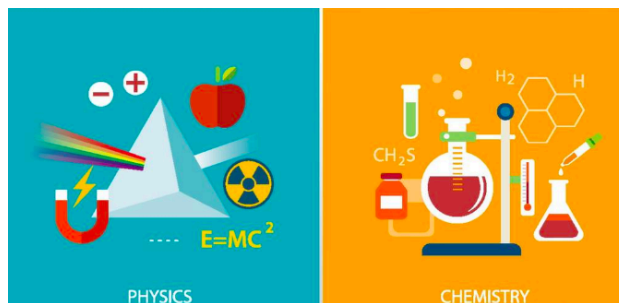
bealmat@wcps.k12.md.us

Teacher site (Access to Resources Links) :

bealmat.wixsite.com/exploringphysics

Remind App:

Period 5/6: Text @bealpd56 to 81010



Tutoring Times: Monday, Wednesday, and Thursday from 8:00 – 8:20 and 3:30 – 4:15

Note: I am available *many other times* before and after school, students should check with me. Periodically, I will have to attend meetings or perform assigned duties before and after school.

Integrated Physics and Chemistry

Integrated Chemistry-Physics is an introductory, laboratory-based course in which students explore fundamental chemistry and physics principles. Students will examine, through the process of scientific inquiry: the structure and properties of matter, chemical reactions, forces, motion, electricity, and the interactions between energy and matter. Working in a laboratory environment, students investigate the basics of chemistry and physics in solving real-world problems that may have personal or social consequences beyond the classroom.

Practices we will be using this year and throughout your high school career:

1. Conducting Investigations
2. Communicating Information
3. Arguing from Evidence
4. Using Mathematics
5. Constructing Explanations & Designing Solutions
6. Using Models
7. Asking Questions & Defining Problems
8. Analyzing Data

Units of Study:

Energy and Waves

Newton's Second Law and Momentum

Nuclear Processes/Structure and Properties of Matter

Chemical reactions

Electrical Forces, Fields and Energy Transfer

Our techbook is: DiscoveryEd Techbook app.discoveryeducation.com

Class Requirements: Must be proficient in Algebraic skills

Materials and Supplies Required (Every Day)

- 1 Composition Notebooks (to copy notes and complete examples)
- Calculator (graphing or scientific) – **Desmos.com is a great alternative**
- Pencil, Colored Pencils/Pens, and Straight Edge
- --Students will have access to their school-assigned ChromeBook

Classroom Rules:

1. Be Respectful of Yourself, Others, and Property
 - *Allow instruction to occur and others to learn without unnecessary interruptions*
 - *Receive permission from Mr. Beal and sign out prior to leaving the classroom*
 - *Use electronic devices for learning relevant to this class*
2. Come to Class Prepared with required materials
3. Follow the Virtual Meeting Expectations & Agreement designated by the school

Attendance

1. Student is responsible to see me for missed work before or after school. Please do not ask me for missed work at the start of class.
2. If absence is considered **EXCUSED**,
 - Work must be completed within 5 days of absence
 - Extension requires approval from Mr. Beal
3. If absence is considered **UNEXCUSED**,
 - Mr. Beal is not required to accept work missed due to unexcused absence
4. Tardiness
 - Follows school policy and discipline procedure

Academic Integrity

1. Cheating, copying, and plagiarism will not be tolerated under any circumstances.
2. **COPYING is CHEATING.** Copied work will result in a “zero” grade for all parties involved. It is never okay to copy a friend’s lab report, practice problems, or any other assignment. The distinction between “collaboration” and “copying” will be explained and emphasized.
3. Talking during a test or quiz will result in a “zero” grade for all parties involved, regardless of the topic of conversation.
4. More concerning academic integrity can be found in the Student Handbook.

Test/Quizzes

1. Being absent one day before a test/quiz does not excuse you from taking that test/quiz along with the rest of your class.
2. Calculators may not be shared on the day of a test/quiz.
3. If you are absent the day of a test/quiz, you will be expected to make up that test/quiz on the day you return to class.
4. Work must be shown in order to receive full credit.
5. Students will have the opportunity to complete test and quiz corrections throughout the course. All corrections to a test/quiz must be made during the before or after school tutoring hours.
6. All tests and quizzes are kept in the classroom after being handed back. This is for security reasons. Students may always come to my room to re-look at a quiz/test either before or after school.

Corrections will earn students half credit back and are available for any assignment or assessment that has been graded on accuracy.

Lab Reports and Activities

The learning of Physics and Chemistry is very much an observation, exploration, explanation, and then extension process. Labs and activities are an integral part of this learning. Lab activities turned in late will receive a 10% deduction for each day late. Students are required to complete every lab by the end of each unit.

If you cannot complete all the lab analysis and questions by the end of the designated time, your lab is due when you arrive the next time class meets.

Grade Reports

Both student and parent/guardian should have access to StudentVue/ParentVue and are encouraged to check progress regularly

Grading

Students will be graded throughout the year on a Total Points system. A student's final score will be determined by calculating **** *Earned Score* = $\frac{\text{Points Earned}}{\text{Total Points}} * 100$ ****

To pass this semester course students must earn at least a total of 120% between the two marking periods. For example, if a student earns a 48% the first marking period then the student must earn at least a (120% – 48%) of 72% the second marking period.

If a student cannot follow class rules of proper conduct or lab safety rules, parents/guardians will be contacted and/or the student will receive disciplinary action

**“Success is the result of preparation, hard work, learning from failure, and persistence.”
--Gen. Colin Powell**

Having read through the expectations/procedures AND completed the Flinn Safety Contract attached, with your Parent/Guardian complete and detach the section below. This and the signed Safety Contract is to be returned to Mr. Beal as you enter the next time class meets

Please scan the QR code provided below, with your phone's camera, to complete the form signifying that you, the parent/guardian, have read and understand what is expected of your student. The link to the form can also be found in your student's Google Classroom.

<https://forms.gle/vRwDWDPeXMs9ZYjZ9>

