Welcome to Physical Science!

Physical science is the study of the physical world around you. Physical science can be broken up into two branches, chemistry and physics. Chemistry: the study of the structure and properties of matter. Physics: the study of the relationships between matter and energy. This year we will be studying the basics of Chemistry and Physics. While this course is not math intensive we will be performing some basic calculations so you will need a basic scientific calculator.

Below is an outline of the topics we will learn about this year:

<table>
<thead>
<tr>
<th>1st Semester</th>
<th>2nd Semester</th>
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<tbody>
<tr>
<td>• Nature of Science and Graphing</td>
<td>• States of Matter and Gas Laws</td>
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<td>• Motion</td>
<td>• Atomic Theory and Periodic Table</td>
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<td>• Work and Power</td>
<td>• Molecules and Chemical Reactions</td>
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<td>• Simple Machines</td>
<td>• Energy 2 and Bridge to Physics or Chemistry</td>
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<td>• Light and Sound</td>
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<td>• Electricity</td>
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Supplies:

- Binder to keep class materials/notes
- Loose leaf notebook paper
- Pencils and Erasers
- Scientific calculator. I do have a few inexpensive calculators for days when you forget however, most students do not care for my calculators! Cell phones are not acceptable for calculations.

Labs

- Depending on the topic being covered, labs may be conducted. Unsafe behavior in the lab will not be tolerated in any way, as accidents can occur. If a student demonstrates any unsafe behavior, a zero will be given for that lab, and the student will lose lab privileges for the rest of the grading period. Alternative assignments will offered. Also, if proper lab attire (closed toed shoes, hair pulled back, etc.) is not worn on the day of labs, the student will not be able to attend lab and will be offered an alternative assignment. It is the basic responsibility of everyone in the lab to make lab safety an ongoing commitment.
Grading and Absentee Policies

- All assignments, class work, quizzes, and tests are graded with a specific point value. Overall grade in class is determined by dividing the total points received by the total points possible. The Volusia County grade scale will be used in determining your letter grade.
- Formative Assessments include quizzes, worksheets, textbook problems, labs, and other daily assignments.
- Summative Assessments include unit tests and some labs.
- All assignments are due on the scheduled date. I DO NOT accept late work. The date assigned and date due are posted in Gradebook.
- School absentee policy: One day for each day absent when an excuse note is presented to the teacher within two days of the students’ return. Students who do not present an excuse note are still entitled to the make-up work but can be penalized. It is the students’ responsibility to get the work missed. All work with the assigned date, due date, and a link to the assignment are posted in Teams. Every student is expected to join the Teams. The link to join is at the top of this page.
- To help students monitor their academic progress, grades will be posted and updated weekly on gradebook.

Testing

- Unit tests, which usually cover a single topic, will be given at the end of each section covered in class.
- If a student is absent on the day of a test or a quiz, that student will take that test or quiz the day the student returns. The test or quiz may be taken during lunch, or before/after school.
- Retakes will be given for some tests. Students will be required to come in for tutoring/remediation before retaking a test. Exceptions will be made for students who have an excused absence for extended periods of time (more than one week).
- If you skip class on the day of a test or a quiz, you will automatically receive a 0 (zero) for that test or quiz and you will have to schedule an alternative assessment with the teacher for before or after school.
- The same goes for cheating...If you are caught cheating on a quiz or test, you will automatically receive a 0 (zero) for that test or quiz and you will have to schedule an alternative assessment with the teacher for before or after school.

Class Rules

We will be respecting the **Bulldog Way** in class this year.

2. Show up on time, every time.
3. Dude, be nice!
4. Know where to be.
5. Keep it clean.
6. Be better today than yesterday.
Discipline Procedures

Students will be rewarded for their attention to the Bulldog Way!

In the unlikely event that class rules are broken, the following disciplinary consequences may be used:

- Verbal warning
- Parent contact
- Lunch detention
- Referral

Bathroom Policy:

- As per school rules, no student may leave the classroom during the first and last 10 minutes of class.
- Failure to return to class or abuse of the restroom privilege will result in disciplinary action.

Lab Safety Agreement:

- To participate in labs, you and your guardian must sign a lab safety agreement. There will be a link to an electronic copy provided via Teams. If you cannot access the agreement via the link, I will provide a hard copy of the agreement for you and your guardian to sign.

I’m looking forward to a fun and successful year! I hope you are also!!

Go Bulldogs!