



8th Grade Science

Instructors

Mrs. Favors
Dr. Stephenson
Ms. Wilkes

Administrators

Mrs. Lambert
[Principal]
Ms. King
[8th Grade]

Phone

Phone
706.796.4952

Emails and correspondence via ClassDojo are preferred and will be responded to within 24 hours. Messages sent over the weekend will be responded to on the next school workday.

Course Overview

In this course students will learn the fundamentals of chemistry and physics. Students explore energy, the nature of matter and atoms, how chemicals mix and react, wave behavior, motion, and the forces that are found in the universe. Students investigate physical science concepts through inquiry, exploration, labs, and collaboration.

Course Schedule

The sequence and topics listed below will remain consistent. Test dates will be within the last 3-4 days of each unit, followed by remediation and possible opportunities for grade improvement. Units may be broken down into smaller sections based on key concepts and content topics. The duration of each unit is subject to change based on a variety of factors, but exact dates will be communicated during each unit of study.

Unit #	Topic	Standards	Duration
0	Think Like a Scientist	S8P2 a-d	1 week
1	Interactions of Energy & Matter	S8P1 a-f	5 weeks
2	Structure & Properties of Matter	S8P4 a-d	5 weeks
3	Waves	S8P4 e-g	8 weeks
4	Forces	S8P5a-c	4 weeks
5	Motion	S8P3 a-c	3 weeks

Materials Needed

1 inch 3-ring binder
Basic headphones
Basic Scientific Calculator
Paper
Pencils/Pens/highlighters/colored pencils

Grade Weights

Major Grades [Summative Tests, Constructed Responses, and Benchmarks] 40%
Minor Grades [Classwork, Quizzes, and Labs] 60%

Late Work

Students are expected to submit work on time. Doing so exhibits pride in producing quality work and fulfilling student responsibility. This work habit is a behavior that supports academic achievement and demonstrates characteristics for our Richmond County Schools System Profile of a Graduate. Late work can negatively impact learning and your ability to demonstrate mastery of the standards. Students are encouraged to turn in missing assignments within five school days, as five points may be deducted per day. Assignments submitted after this timeframe will not receive credit. Point reductions resulting from work tardiness will be documented in Infinite Campus.

Attendance and Make Up Work

It is the **STUDENT'S RESPONSIBILITY** to make arrangements to make up any work (notes, handouts, quizzes, and assessments) missed. It is within the teacher's discretion to give a different assignment over the same material

missed. If you miss a test due to an absence, you must make up your test within three school days upon your return.

Lab Safety

Lab safety rules will be followed during all labs or hands-on assignments. Visit your science Canvas to view a virtual copy of the lab safety contract and additional lab safety materials there. *Submission of the required google form indicates that parents, guardians, and students understand and agree to adhere to all safety rules and procedures.

Classroom Guidelines and Expectations

1. Be on time and prepared for class.
2. Keep a positive attitude.
3. Respect yourself and the feelings, rights and properties of others.
4. Participate fully in class –during instruction, practice, labs, and videos.
5. Raise your hand if you have a question or need my attention. Wait to be acknowledged before you speak.
6. Remain seated during classroom instruction, unless given permission by the teacher to get out of your seat.
7. Follow all safe laboratory practices.
8. This is a lab classroom: NO FOOD, DRINK, CANDY OR GUM.

Behavior and Discipline

Students are expected to adhere to rules and expectations established by the Richmond County Board of Education and Belair Middle School. Students will be redirected for minor infractions that do not cause an immediate threat or harm to others. If students fail to self- correct their actions, this may lead to a student conference, cool down period, or parent contact. Major infractions will result in an immediate office referral.

Honesty/Integrity

Students are expected to engage in academic honesty, which is defined as submission of your own work for credit and not the work of another person. The following are considered violations of honesty and integrity:

- Allowing another student to copy **ANY** of your work during a graded assessment
- Copying or attempting to copy from another student's paper during a graded assessment
- Use of or an attempt to use any prepared notes, materials, programmed computers or other devices not approved by the instructor during a test or other graded assignment
- Verbal and nonverbal collaboration with another student during a test
- Obtaining or attempting to obtain in any manner a copy of questions or answers to an unreleased test
- Giving or offering information during an examination/test

Artificial Intelligence

When the assignment calls for students to produce original work, students will not use Artificial Intelligence [AI] to generate the assignment for them. Assignments are given to help students learn and demonstrate what they know. While there may be appropriate times for students to use AI during the learning process, using AI to generate original work in place of the student completing the work, is considered Academic Dishonesty and can be punished according to the rules outlined in the Code of Conduct.

Tutoring

Content is continuously retaught and remediated during classes daily.

Teacher Contact

Mrs. Favors FavorTr@boe.richmond.k12.ga.us

Dr. Stephenson Collijo@boe.richmond.k12.ga.us

Ms. Wilkes Wilkeni@boe.richmond.k12.ga.us

Syllabus Sign-off Form

Student Contract

I understand that all work should be completed on time period I understand that my teacher may deduct five points per day and communicate this in my infinite campus grade book. I also understand that work turned in after the learning has occurred may not be graded (no more than five days from the due date). I understand that using artificial intelligence to complete assignments where I am asked to produce original work will be considered academic dishonesty. I acknowledge that I understand the expectations set forth in this document.

Student Signature

Parent Contract

I understand that my child is expected to complete assignments on time. I will remain in communication with my child's teacher and monitor missing and late work as noted in Infinite Campus Parent Portal. If my child continues to submit work late, I understand that a parent teacher conference will be needed to Co-develop a plan of action. I understand that my child should not use artificial intelligence to complete assignments where students are asked to produce original work. I acknowledge that I understand the expectations set forth in this document.

Parent Signature