



**Camp Creek Middle  
High School Physical Science  
2024-25 Course Syllabus**

**Course Title:** High School Physical Science

**Teacher’s Name:** Ms. Maya Carr

**Contact Information:** [Carrm1@fultonschools.org](mailto:Carrm1@fultonschools.org)

**Tutorials:** TBD

**Course Description:**

The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry.

**Grading Policy and Scale:**

- Major - 50% (Summative Assessments & Culminating Lab/Projects)
- Minor - 40% (Quizzes, Mini Labs, Classwork)
- Practice - 10%

Fulton County Schools assigns numerical grades based on the following scale:

*A=100-90*

*B=80-89*

*C=70-79*

*F=69-0*

**Curriculum Guide:**

<b>Semester 1</b>	Unit 1: Chemistry- Properties of Matter (6 <i>weeks</i> )	<p><b>SPS5.</b> Obtain, evaluate, and communicate information to compare and contrast the phases of matter as they relate to atomic and molecular motion.</p> <p><b>SPS6.</b> Obtain, evaluate, and communicate information to explain the properties of solutions</p>
	Unit 2: Chemistry- Atomic Structure & periodic Table (6 <i>weeks</i> )	<p><b>SPS1.</b> Obtain, evaluate, and communicate information from the Periodic Table to explain the relative properties of elements based on patterns of atomic structure</p>



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		<p><b>SPS2.</b> Obtain, evaluate, and communicate information to explain how atoms bond to form stable compounds.</p> <p><b>SPS3.</b> Obtain, evaluate, and communicate information to support the Law of Conservation of Matter.</p>
	Unit 3: Radioactivity & Energy (5 weeks)	<p><b>SPS4.</b> Obtain, evaluate, and communicate information to explain the changes in nuclear structure as a result of fission, fusion, and radioactive decay.</p> <p><b>SPS7.</b> Obtain, evaluate, and communicate information to explain transformations and the flow of energy within a system.</p>
<b>Semester 2</b>	Unit 4: Force & Motion (5 weeks)	<b>SPS8.</b> Obtain, evaluate, and communicate information to explain the relationships among force, mass, and motion.
	Unit 5: Electricity & Magnetism	<b>SPS10.</b> Obtain, evaluate, and communicate information to explain the properties of and relationships between electricity and magnetism.
	Unit 6: Waves (5 weeks)	<b>SPS9.</b> Obtain, evaluate, and communicate information to explain the properties of waves.

**Progress Report Distribution**

4.5 week Progress Report	9 week Progress Report	4.5 week Progress Report	Semester 1 Report Card	4.5 week Progress Report	9 week Progress Report	4.5 week Progress Report	Final Report Card
9/13/24	10/18/24	11/21/24	1/16/25	2/14/25	3/22/25	4/30/25	5/30/25

**Please note:** Distribution dates are tentative. Grades are available to view and monitor via Infinite Campus. Parents may check grade summaries and dates of upcoming assignments.



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### **Student Support**

Science Instructional Coach: Latoya Baker ([BakerL2@fultonschools.org](mailto:BakerL2@fultonschools.org))

CCMS Counselors: William Davis ([Daviswd@fultonschools.org](mailto:Daviswd@fultonschools.org))

### **Attendance/Make-Up Work:**

Regular attendance in this class is essential for each student to be successful. Students are expected to attend class daily and arrive on time. Students that are absent can submit work that was missed due to their absence. The number of days the student was absent are the number of days he/she has to submit the work for full credit.

#### **Student Misses Work Due to Absence (Excused/Unexcused)**

- Upon return to school, students will have an equal number of days as they were absent to complete any late/missing assignment, assessment, and/or task for full credit.
- Teachers may begin deducting points from late/missing assignment, assessment, and/or task (maximum of a 25% deduction), but only after the deadline has not been met. A deadline is typically equal number of days the student was absent.
  - After 1 week late, a teacher deducts 5 points
  - After 2 weeks late, a teacher deducts 10 points
  - After 3 weeks late, a teacher deducts 15 points
  - After 4 weeks late, a teacher deducts 20 points
  - After 5 weeks late, a teacher deducts 25 points
- A zero may be entered in the grade book, if a student fails to turn in a late/missing assignment, assessment, and/or task.

### **Provision for Improving Grades/Recovery:**

All students will have one (1) opportunity each nine weeks to redo/retake one (1) major assignment/assessment.

- Eligibility for a redo/retake is for students who receive a 75 or below on a specific major assignment/assessment.
- Students are eligible to earn a replacement grade on a redo/retake no higher than 75.
- Student redo/retakes must be completed before the next major assignment/assessment is given or five school days before the end of a marking period if there is not another major assignment/assessment given (exceptions can be made for students who have excused absences during this five-day window). (Excerpted from Fulton County Schools Board Policy)

### **Materials Required**

Pencils  
2 Composition Book  
2- 2 pocket folders  
Colored Pencils



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Glue sticks  
Earbuds  
Scissors

## Texts and Replacement Costs

[Glencoe Physical Science--Georgia, Glencoe/McGraw-Hill](#)



## **CLASSROOM EXPECTATIONS:**

Camp Creek Middle School will use The Warrior PRIDE for guiding student behavior and learning. Please review the Fulton County Schools Discipline Policies to gain a better understanding of the behavioral expectations for students. Fulton County's explanation of discipline offenses and possible consequences are listed in the Fulton County Schools Handbook. <https://www.fultonschools.org/codeofconduct>

- **P**-Prepared
- **R**- Respectful
- **I**- Integrity
- **D**- Discipline
- **E**- Effort

Standard Class Rules: Be Prompt\*Be Prepared\*Be Responsible\*Be Respectful

- Be in your seat with necessary materials when the bell rings.
- Raise your hand to speak or stand.
- Follow directions the first time they are given.
- Keep cell phones out of sight.
- Keep hands, feet, and objects to yourself.
- No put-downs, teasing, or other inappropriate words.

## **Artificial Intelligence**

### **Limited AI Use with Teacher Permission:**

In this course, the use of generative AI tools is permitted only with explicit teacher approval for specific assignments. AI can serve as an aid to enhance understanding and interaction with course content, within the boundaries of academic integrity. If AI tools are used, all AI-generated content must be accurately cited, and students are responsible for the integrity and correctness of their submissions, including any content derived from AI tools. It is essential to critically evaluate AI outputs to ensure they meet academic standards. Unauthorized use of generative AI, without proper citation, is considered a violation of the Fulton County Schools Code of Conduct and may result in disciplinary action.

## **CAMP CREEK MIDDLE SCHOOL HONOR CODE:**

*The Camp Creek Middle School Honor Code is in effect at all times.* Cheating will not be tolerated!



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Cheating is defined as giving or receiving information in any form that is related to a gradable experience including the use of sources of information other than those specifically approved by the teacher either during or outside of class. Students are required to sign honor pledges as applicable for major tests, projects, and/or papers.

Examples of Cheating include, but are not limited to:

- **Plagiarism** – using words or ideas from a published source without proper documentation; using the work of another student (e.g. copying another student’s homework, composition, or project); using excessive editing suggestions of another student, teacher, parent or paid editor.
- Looking on someone else’s paper during a test or quiz.
- Cheat sheets of any kind.
- Knowingly accepting or giving information concerning the contents of a test or quiz.
- Changing the appearance of computer printouts.
- **Allowing another student to web-based activities using your name and login information.**

Any student found to be in violation of the Honor Code on any assignment will receive a **zero** on the assignment in question with **no opportunity to make up**. Violations may be considered by faculty in making future recommendations. Memberships in honor clubs will be jeopardized.



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**SYLLABUS CONFIRMATION:**

I confirm that I have read and acknowledge all the information contained in this syllabus and will work with my student & teacher to successfully complete this course. If I have questions, I will contact the teacher.

Course Name: **High School Physical Science**

Teacher Name: \_\_\_\_\_

Student Name (print): \_\_\_\_\_

Parent(s)/Guardian(s) Name (print): \_\_\_\_\_

Parent(s)/Guardian(s) Signature: \_\_\_\_\_

Parent(s)/Guardian(s) E-mail Address (if applicable): \_\_\_\_\_

Parent(s)/Guardian(s) Phone Number: \_\_\_\_\_

Scan the qrcode to read and review the syllabus for the 2024-2025 school year in High School Physical Science. Please have your student to return this form upon reviewing the syllabus to their Science teacher.