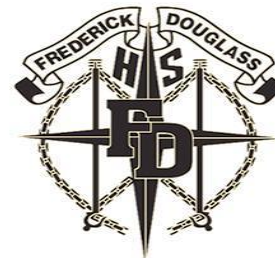


## COURSE SYLLABUS

### Physical Science



<b>Teacher: Ms. Sheri Miller</b>	<b>Phone Number: 470.387.0215</b>
<b>Room Number: 389</b>	<b>Email:</b> <a href="mailto:sheri.miller@atlanta.k12.ga.us">sheri.miller@atlanta.k12.ga.us</a>
<b>Semester: Fall 2018</b>	<b>Tutorial/Conference Day:</b> Wednesday
<b>Textbook: Glencoe/McGraw-Hill Physical Science</b>	<b>Tutorial Hour:</b> 3:45pm- 4:45pm
<b>Course: Physical Science</b>	<b>Tutorial Location:</b> Rm 389

**Objective:** To increase scientific awareness and academic proficiency through appropriate scholastic rigor in order to prepare our students to compete in a global society.

#### **Course Description:**

The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8, and to provide students with the necessary skills to have a richer knowledge base in Physical Science. This course is a survey course of Chemistry and Physics. The 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 fieldwork using the processes of inquiry. *A state mandated End of Course Milestone (EOC) is required and counts toward 20% of the student's overall course grade.*

**Course Outline:** <https://www.georgiastandards.org/Georgia-Standards/Pages/Science.aspx>

#### **Description of Grading and Quality Work in Physical Science:**

Grade	Scale	Description of work
A	90-100%	Consistently demonstrates an exceptional level of quality and effort. Having all work in on time and completed to exceed expectations. Mastery in evaluating, synthesizing and applying the principles of Science.
B	80-89%	Consistently demonstrates proficient knowledge with a good effort and quality of work. All assignments are complete and on time. Demonstrates the ability to evaluate, synthesize, analyze and apply the principles of Science.
C	70-79%	Demonstrates proficient knowledge and the ability to apply and analyze Science principles. Works shows average effort. A few assignments may be missed or late.
F	Below 69%	Understanding is below basic in relation to Science principles. Work is of a poor quality and does not meet standards or expectations.
Zero/ NE	Not Evaluated	Student did not attempt assignment and must complete assignment immediately to receive credit.

Course Components	Weights
Classwork/Participation	25%
Summative Assessment	20%
Quizzes	5%
Projects	10%
Lab Investigations	15%
Homework	5%
Final Exam	20%
Georgia Milestones Assessment Quarter 2/ Quarter 4	<b>20% overall</b>
	<b>100%</b>

**\*\*The total percentage points for EOC courses totals 100% for the work completed within the classroom. The final grade at the end of the course (second semester) will be calculated by weights (80% of your classroom total grade plus 20% of your EOC Milestone score).\*\***

**CAMPUS PORTAL FOR PARENTS:** Visit <https://ic.apsk12.org/portal> to view class schedules, attendance records and grades. To activate your account, visit the school to receive your login (activation key).

**REQUIRED MATERIALS:** It is a MUST for you to have the below mentioned daily required materials. These items are needed for you to complete the day's activities. It is not the job of your peers or the teacher to issue daily materials. If daily materials are repeatedly not brought to class by a student, then that individual will receive a phone call home. If the non-compliance of having materials continues, further disciplinary action will be requested.

1. Composition Notebook (solely for Physical Science)
2. Pen and pencil
3. Textbook
4. A Basic Calculator (phones will not be permitted)

**CLASSROOM EXPECTATIONS:**

- Be Prompt
- Be Prepared
- Be Polite

I believe all students have the ability to learn; therefore I expect all of my students to come to class well prepared with an open mind ready to participate in the class lesson. Please understand that if a student violates any of the following classroom rules then they will receive disciplinary action such as: parent phone call, parent conference, "Unsatisfactory" or "Needs Improvement" markings on report cards, teacher issued letter, or an office referral. If you do what is expected of you then you will be successful in completing this course both academically and behaviorally.

**LATE ASSIGNMENTS:** It is important that students are responsible and meet established due dates for assignments. Late is defined as anytime work is submitted after the assignment has already been collected by the teacher.

**MAKE-UP AND MISSING ASSIGNMENTS:** Students with an excused absence will be expected to submit missed work on or before the third class meeting after the absence. Pre-announced assignments are due upon return to school. Teachers will enter a grade of “M” for Missing in the grade book until the student makes up the assignment. This code will be calculated as a zero and will negatively impact the student’s grade, but will alert all parties that the student is eligible for recovery through Edgenuity or face-to-face instruction, etc. Teachers will also utilize Google Classroom to manage make-up assignments accordingly, as needed.

**SCHOOL-WIDE EXPECTATIONS:**

**MASTERY LEARNING:** With mastery learning, a unit of material is taught, and student understanding is evaluated before students are able to move on to the next unit. Students who have not shown mastery for a particular unit will receive feedback and support in reaching mastery. They may be given practice exercises, study guides, group work or complementary resources to help them improve and achieve mastery. Students who demonstrate mastery of the content for a particular unit are given enrichment exercises like special projects, tasks or academic games to further or broaden their knowledge of the material.

**DEFICIENCY REPORTS:** Parents and guardians are informed when students are making unsatisfactory progress in classes. Poor performance will be reported to parents and guardians as soon as problems are evident. Deficiency reports with plans for remediation will be written for all students making unsatisfactory progress, and parent-guardians conferences must be scheduled. Unsatisfactory grades should never come as a surprise to parents, guardians, or students. Teachers will:

- Contact parents and guardians early in the semester if academic, attendance, or behavioral difficulties are apparent.
- Notify the counselor, SST/RTI Chair, and the academy leader of serious problems that are affecting classroom performance.

~ Please complete and return this sheet to Ms. Miller. The above sheets will go in your notebook. ~

**STUDENT:** Copy the following statement below as acknowledgement that you have read, understand, and will abide to the above rules, procedures, and consequences in order to insure that we create a learning environment where everyone can succeed and actualize their future goals and dreams.

***(Copy the following in the space provided below)***

"As a student at Frederick Douglass High School, I agree to abide by the above rules and procedures, and understand the consequences of misbehavior."

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Student's signature \_\_\_\_\_

Print your name: \_\_\_\_\_

Date \_\_\_\_\_

Parents'/Guardians' signature(s) \_\_\_\_\_

Parent #1: \_\_\_\_\_

Main Phone Parent #1 \_\_\_\_\_

Work Phone Parent #1 \_\_\_\_\_

E-mail Parent #1 \_\_\_\_\_

Parent#2/Emergency Contact: \_\_\_\_\_

Main Phone Parent #2 \_\_\_\_\_

Work Phone Parent #2 \_\_\_\_\_

E-mail Parent #2 \_\_\_\_\_