

**Physical Science**

**8th Grade 2016-2017**

**Mrs. Martin**

**Objective:** The goal of this course is to understand how energy works and what forms energy takes. All living and non-living things use energy in some form and transfer energy so that life on Earth can exist. We will also develop the skills of scientific thought and process and begin to conceptualize the major themes in science.

**Topics of Study:**

**Quarter 1: Quarter 2:**

\*Energy and Energy transformations \*Atoms, Elements

\*Newton’s Laws \*States of Matter

 \*Periodic Table

 \* Chemical energy transformations

**Quarter 3: Quarter 4:**

\*Heat Transfer \*Sound behavior

\*Gravity \* Wave parts

\*Wave behavior \*Review (for standardized testing)

\*Physical Science applications

**Grading:**

Mastery Activities: (Tests/Quizzes, Projects, Labs) 40%

Progress Activities: (Classwork, Homework, etc.) 30%

Participation: (Warm ups, class group work) 20%

Benchmark or Final Exam: 10%

**Classroom Expectations:**

I will lead a respectful and disciplined classroom. If a child chooses not to comply, there will be logical consequences. By enforcing these policies, I can ensure you that your child will have a safe and orderly classroom in which to learn. Classroom rules, policies, and classroom behavior will be discussed in detail on the first day of school.

**Class Rules:**

1. Be prompt (Get to class on time, follow directions on the first request)
2. Be prepared (Come in class with something to write with and write on in addition to having laptop fully charged.)
3. Be positive
4. Be productive (Stay on-task, check the board for missed work or “what next” tasks).
5. Be polite (Speak and act respectfully to adults **and** classmates. Remain seated when a speaker is talking. Raise your hand and wait to be called on to speak.)

In addition to the classroom rules, students are expected to follow school rules as stated in the agenda. (No gum, food or drink except a capped water bottle are allowed in class.)

\*Please refer to the student agenda for a complete list of the WCPS policies on behavior and discipline.

**Consequences:**

* Consequences for misbehavior will follow the school-wide strike policy with consequences for each strike outlined below.
* **STRIKE 1**- Teacher will document in STRIKE data notebook and student will sign
* **STRIKE 2**- Student may be moved to a different seat. Teacher will document in STRIKE data notebook and student must fill out an Action plan that will be sent via email to parents.
* **STRIKE 3**-After school detention (parent will be required to sign detention sheet to verify pick up arrangements for set date. Detentions will be held in the classroom immediately after school from 2:40-3:10pm.)
* **STRIKE 4**- Referral to Assistant Principal. Teacher will document in STRIKE data notebook and student will sign.
* Parents may be contacted via email or phone as needed if behavior issues continue to be problematic.

**Absent Work:**

When you are absent, it is **YOUR** responsibility to get your work and complete it. If you are absent, you may make up your work, within a reasonable time period (up to one week), with no grading penalty. However, any work not turned in will be recorded as zeros. Descriptions of daily assignments and worksheets will be kept in a designated spot in the classroom. Students must check this folder to find out what they need to do. For any concerns about absent work, please see me about it.

**Late Work:** Late work will be accepted up to a week before progress reports are distributed each quarter however students must be responsible for keeping track of and turning in their late assignments. I will not remind students of **missed** course work. Students progress can be accessed on infinite campus throughout the year. Missed assignments are recorded as a zero until work has been submitted. All absent work rules apply to this as well i.e. so if a student is absent he/she still has up to a week to make up work. Grades are given for each quarter therefore missing and absent work can not be made up after progress reports are distributed.

**Tutoring:** Tutoring is available every Tuesday and Thursday morning from 6:45-7:15am. While not mandatory, it is recommended that students and/or parents inform me one day in advance about tutoring needs so I can best meet their needs. Students are also able to re-take tests or quizzes at this time to earn partial credit for each question that was missed. Please contact me to make arrangements if another time may be needed.

**Online Science Textbook:** Students will **NOT** be issued a science textbook this year. Your child can access the science textbook online at [www.pearsonsuccessnet.com](http://www.pearsonsuccessnet.com). Use the following information to log in:

* Username: science7lms
* Password: loganville1

*\*If you do not have Internet access at home, your child will have the opportunity to check a textbook out when necessary.*

**Communication:** The best way to communicate during the school day is by

e-mailing me at samantha.martin@walton.k12.ga.us. The class website will also be updated with important information such as test dates and helpful resources. Also, I will send out reminders via student and parent email at the beginning of the week with information important to class.

**Class website: <http://mrsmartin8thscience.weebly.com/>**

**Confirmation: Please sign below to confirm that you have read this syllabus and understand the expectations for the course this year.**

**Student’s signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent or guardian’s signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**