



GIFTED PHYSICAL SCIENCE SYLLABUS 2019-2020

Course Number: 40.2170000

Teacher: Ms. Kristen Turner	Phone Number: 470.254.6500
Room Number: E106 (Turner)	Email: turnerk6@fultonschools.org
Year: 2019-2020	Website: www.fultonschools.org
Tutorial Days: Tuesdays	Tutorial Hours: PM – 4:25 - 5:20

COURSE DESCRIPTION:

The 8th Grade Physical Science curriculum provides students with the necessary knowledge and skills to transition from elementary physical science standards to high school physical science standards (see Fulton County System wide Science Vertical Framework). The course is designed to provide students with an overview of the common concepts in physical science including, but not limited to, the nature of matter, laws of conservation of matter and energy, motion, forces, and energy transformation. These concepts are investigated through observing, collecting, summarizing, analyzing, and presenting the results from scientific investigations and fieldwork designed for students to develop appropriate knowledge and skills in science as inquiry.

COURSE OUTLINE:

8th Grade Physical Science		
1 st Semester (16 weeks – 1 week for safety & one week for finals)		
Chemistry - 8 weeks	Force & Motion - 6 weeks	Energy & It's Transformation –2 of 6 wks
S8P1. Obtain, evaluate, and communicate information about the structure and properties of matter.	S8P3. Obtain, evaluate, and communicate information about cause and effect relationships between force, mass, and the motion of objects.	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.
8th Grade Physical Science		
2 nd Semester (14 weeks to finish all content before the Milestones)		
Energy & It's Transformation 4 of 6 weeks	Waves - 5 weeks	Electricity & Magnetism - 5 weeks
S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.	S8P4. Obtain, evaluate, and communicate information to support the claim that electromagnetic (light) waves behave differently than mechanical (sound) waves.	S8P5. Obtain, evaluate, and communicate information about gravity, electricity, and magnetism as major forces acting in nature.

****Please Note: Gifted Students are Required to participate in the SMS Science Fair****

**GRADING POLICY:**

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

A=100-90

B=80-89

C=70-79

F=69-0

GRADING SCALE:

Category	Description	Percentage
Summative	(Assessments, Culminating Labs/Projects)	40%
Formative	(Quizzes, Mini Labs, Portfolios)	45%
Homework	(Homework)	15%
Progress Monitoring	(Pre-Assessments, Diagnostics, DNETs)	0%

PROGRESS REPORT DISTRIBUTION:

First Semester				Second Semester			
4.5 weeks	9 weeks	13.5 weeks	Report Card	4.5 week	9 weeks	13.5 weeks	Report Card
9/17/19	10/17/19	11/20/19	1/13/20	2/12/20	3/17/20	4/28/20	5/29/20

Please note that the dates for progress and report card distribution are tentative. If you do not receive your student's progress report or report card three days following each of the above distribution dates, please contact me as well as your student's guidance counselor.

SMS Student Support

- Mrs. C. Bataille, Sandtown Middle School Counselor: bataille@fultonschools.org
- Mrs. M. Goodson, Sandtown Middle School Counselor: goodsonms@fultonschools.org
- Ms. E. Neal, Sandtown Middle School Parent Liaison: neale@fultonschools.org.

ATTENDANCE/MAKE-UP WORK:

Students are expected to attend class daily and arrive on time. Students that are absent have the opportunity to submit work that was missed due to their absence. The number of days the student was absent is the number of days he/she has to submit the work for full credit.

Provision for Improving Grades/Recovery

Assignments are due by the communicated due date and expected to be turned in. If you do not submit the assignment when it is due, you will receive a grade of a "M" which calculates as a zero. Students have 10 instructional days to recover failing/not submitted assignments (M) or the scores remains.

The recovered grade cannot exceed 70%.

MATERIALS REQUIRED:

- 1 –3-ringer Binder (1 ½ in with pockets)
- 1 – 5 tab Dividers
- Blue or black ink pens and #2 pencils

TEXTS:

HMH Georgia Science 8th Grade Physical Science



CLASSROOM EXPECTATIONS:

Students will strive to exhibit JAG S.W.A.G.:

- S—Show respect
- W—Work responsibly
- A—Act with appropriate attitude
- G—Generate excellence

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.

CONSEQUENCES:

If students are in violation of the above rules and are a threat to their own learning or the learning of others in the class, they will face a consequence.

Step 1: Verbal warning/reprimand/redirection.

Step 2: Teacher-student conference. Successful parent contact (via email with response or verbal) must be made before moving to the next step. If number(s) are not working, contact School Social Worker.

Step 3: Class Timeout/Lunch Reflection/Intervention: Intervention strategy examples: counselor referral, seat reassignments, time out, parent contact (email or phone), parent conference

Step 4: Mandatory after school detention with parent contact and a counselor referral

Step 5: Office Referral (Grade Level Chair review first; then Administration)

Step 6: RTI/SST the student (PBIS interventions and begin RTI process)

SANDTOWN MIDDLE SCHOOL HONOR CODE:

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

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 complete USA Test Prep, Study Island, or other 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 grade of a zero on the assignment in question. The assignment may not be made up. Violations may be considered by faculty in making future recommendations. Memberships in honor clubs will be jeopardized.



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.

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: _____

SANDTOWN



MIDDLE SCHOOL