

Inman Middle School

8TH GRADE PHYSICAL SCIENCE 2016-2017

TEACHERS: BEADLES, CRIM, HAMILTON, ALFRED ROOMS: PA-2, PC-4, PD-3, PB-4

Email Address	srbeadles@atlanta.k12.ga.us , scrim@atlanta.k12.ga.us , terence.hamilton@atlanta.k12.ga.us , salfred@atlanta.k12.ga.us
Teacher Web Page	teambeadles.weebly.com , drcrimscience.weebly.com , thamilton77.weebly.com , dralfred.weebly.com
Tutorial Hours	Friday 7:40-8:40, Monday 7:40-8:40, Thursday 7:40-8:40, Wednesday 4:20-5:20

Welcome to 8th grade Physical Science! We have a vast amount of learning to do and a fantastic experience ahead of us. In order to have a successful year, each of you will be held to the highest standard. Our classroom is a welcoming place of learning, respect, cooperation, and high achievement. Going forward, know that there are no bad questions. The most important thing is to live up to and exceed your potential through constant participation. Remember that you are ultimately responsible for your education. I am here to guide you, but your perseverance is key. The goal for each student is to leave this classroom as intelligent and inquisitive leaders that master the content to be ready for college and career. We are a team, so welcome back and get ready for an exciting year!

This course explores the study of the physical world; investigating topics such as matter, energy, motion, waves, and electricity. Upon the completion of this course we will have a better understanding of how our lives revolve around science and how physical science incorporates additional aspects of science than previously learned.

UNITS/TOPICS/CHAPTERS
<u>1st semester:</u> Unit 0: Nature of Science (S8CS1-9): 2 weeks Unit 1: Atoms and Molecules (S8P1): 4 weeks Unit 2: Physical/Chemical Properties and Changes (S8P1): 3 weeks Unit 3: Energy (S8P2): 5 weeks Unit 4: Waves: Sound and Light (S8P4): 4 weeks <u>2nd semester:</u> Unit 5: Motion (S8P3): 2 weeks Unit 6: Forces (S8P3 & S8P4): 3 weeks Unit 7: Work, Power, Simple Machines (S8P3): 2 weeks Unit 8: Electricity & Electromagnetism (S8P5): 3 weeks *Completion of all units followed by test prep and administration; culminating projects connecting the year's content

INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
	Composition notebook Blue or black ink pens Pencils Glue sticks Colored pencils Handheld pencil sharpener Calculator (TI-30 or equivalent)

EVALUATION AND GRADING

Grade Weights		Grading Scale
<i>Independent Practice</i>	20%	A: 90 and above
<i>Tests</i>	30%	B: 80 – 89
<i>Projects/Labs</i>	30%	C: 74 – 79
<i>Quizzes</i>	20%	D: 70 – 73
		F: 69 or below

CLASS EXPECTATIONS:

Every student is expected to be prepared for class each day. That includes a calculator, notebook and/or paper, pencil, other teacher-requested resources, and a colored pen/highlighter as well as being an active participant in class. Students are also expected to exhibit behavior conducive to learning and follow all the policies and procedures that are stated in your student handbook.

LATE WORK POLICY: The teacher reserves the right to determine which assignments may be submitted late. An alternative assignment may be given in lieu of a late grade.

ACADEMIC INTEGRITY

Instances of cheating should will not impact students' academic grades. Violations of [policy JFA Academic Integrity](#) will be handled as violations of the student code of conduct and addressed via the progressive discipline guidelines in the Student Handbook. Student mastery of the standards covered by the assignment on which cheating was detected will be reassessed with supervision.

MAKE-UP WORK:

1. If a student is absent one day, one day will be given to make up the work missed. Two days, two days will be given, etc.
2. If a student is present when an assignment is given, the student is expected to have the assignment when he or she returns unless arrangements have been made with the teacher.
3. Work given for prearranged absences is due on the day the student returns.
4. Late work is a behavior issue where discipline consequences may be imposed.
5. Late work will only be accepted up to the date of the current unit test.

PROMOTION POLICY

Grades 6-8: Students must perform at seventy percent mastery of content standards in English/language arts, mathematics, science and social studies based on the average of the first and second semester grades for any yearlong courses.

Additionally, students in grade eight must demonstrate developing, proficient, or distinguished ratings in reading and mathematics on the initial or retest administration of the Georgia Milestones assessment as required by the state law and state board law.

** All students receiving services through the Special Education Department and/or Section 504, will receive accommodations and modifications as listed in the student's individualized education plan.

Student's Name _____

Parent's Name _____

Parent's Signature _____

Parent's Email Address _____

Parent's Phone Number _____