

Instructor: Ms. V. Shorts

Year: 2016-2017

Course Name: 8th Grade Physical Science

Special Materials: Composition notebook, paper, pens (blue or black), pencils, ruler, colored pencils, markers, double sided tape, highlight, and calculator

Course Description/Learning Targets: The middle school physical science course is designed to give students the necessary skills for a smooth transition from elementary physical science standards to high school physical science standards. The purpose is to give all students an overview of common strands in physical science including, but not limited to, the nature of matter, laws of energy, matter, motion and forces, and energy transformation. This curriculum is NOT intended in any way to take the place of the high school physical science curriculum.

Georgia Performance Standards:

S8P1. Students will examine the scientific view of the nature of matter.

S8P2. Students will be familiar with the forms and transformations of energy.

S8P3. Students will investigate relationship between force, mass, and the motion of objects.

S8P4. Students will explore the wave nature of sound and electromagnetic radiation.

S8P5. Students will recognize characteristics of gravity, electricity, and magnetism as major kinds of forces acting in nature.

Special Assignments and Projects:

There will be several special assignments given throughout the year. Science Fair is due mid-November, preparation outside of the classroom is expected. Access to a computer and the Internet will be an advantage.

Classroom rules and Discipline Procedures: Students will be expected to follow all school rules and school discipline policies outlined in the student handbook. In addition the following rules will apply in the classroom:

1. **Be prepared...**your materials and your attitude.
2. **Be prompt...**to class and with your work.
3. **Be respectful...**of others, yourself, property and of time.
4. **Be honest...**copying others' work does not help you learn.

Makeup Policy: Students will be allowed to make up missed work. Students will have two days from the date of the missed absence to complete and turn in missed work to teacher. Missed lab experiments will be made up under the teacher's supervision. The teacher reserves the right to substitute or modify assignments missed by students. **MOS Days Fridays 3:45-500**

Grading System:

- Classwork- 45%
- Tests – 15%
- Quizzes-15%
- Projects- 15%
- Homework- 10%

Print Student Name _____

Parent Signature _____ Date _____ email _____

