

Eagle's Landing High School



Physical Science

Mr. Bradley Dewberry

Room 507

<https://schoolwires.henry.k12.ga.us/Domain/16110>

Tutoring Hours: 2:30pm – 3:15pm T

Office Hours: 7:45am – 8:10am M-F

Communication:

1. Email: bradley.dewberry@henry.k12.ga.us
2. School Phone Number: 770-954-9515
3. Remind App

-Text class code: bdewb7 to 81010

Course Description: Physical Science is an 18 week (1 semester) course designed as a survey course of chemistry and physics. This 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 field work using the processes of inquiry.

Course Objectives:

SPS1. Students will investigate our current understanding of the atom.

SPS2. Students will explore the nature of matter, its classifications, and its system for naming types of matter.

SPS3. Students will distinguish the characteristics and components of radioactivity.

SPS4. Students will investigate the arrangement of the Periodic Table.

SPS5. Students will compare and contrast the phases of matter as they relate to atomic and molecular motion.

SPS6. Students will investigate the properties of solutions.

SPS7. Students will relate transformations and flow of energy within a system.

SPS8. Students will determine relationships among force, mass, and motion.

SPS9. Students will investigate the properties of waves.

SPS10. Students will investigate the properties of electricity and magnetism.

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Textbook: Prentice Hall Physical Science

Materials:

Required: Chromebook, Chromebook charger, writing utensil

Suggested: 3-ring binder, paper, dividers, spiral/composition notebook

Grading Policy:

Assessment Tasks (Tests/Projects): 40%

Practice Work (Classwork/Homework/Quizzes): 40%

Final Exam: 20%

Class Expectations:

Students must bring required materials daily

Students must respect themselves, the teacher, and peers

Take responsibility for your actions

Asks questions and be engaged

Abide by all rules and policies stated in the student handbook

Students are expected to complete assignments when assigned

Attendance Policy: It is highly encouraged to show up every day.

Tardy Policy: It is highly encouraged to show up on time.