**8th Grade Physical Science Syllabus**

**20/21**

Ms. Jen Easterwood

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Please visit my website CANVAS webpage for agenda, Vocabulary, files, and assignments.

**Major Concepts and Skills:**

Nature of matter

Atomic Theory/Periodicity

Phase changes

Law of Conservation of Matter

Law of Conservation of Energy

Conceptual Laws of Motion and Forces

Conceptual Energy Transformation

Wave properties

Electrical/Magnetic forces

**Timeline:**

1st 9 weeks – Lab Safety and Matter

2nd 9 Weeks – Energy and Motion

3rd 9 Weeks – Electricity and Forces

4th 9 Weeks – Waves and Health

The entire list of Georgia Performance Standards can be found at [https://www.georgiastandards.org](https://www.georgiastandards.org/standards/georgia%20performance%20standards/eighthgradeapproved7-12-2004.pdf)

**Grading Weights:** Summative 60% (unit tests, lab reports, projects), Formative 40% (daily work, warm-ups, homework, quizzes)

* Homework will be assigned every unit, using USA Test Prep. Students will have the entire unit to complete practice questions and assignments on their own time that will be due the day of Unit Test.
* Occasionally assignments that are not completed in class will be assigned as homework.

**Materials**: Students will share a class set of textbooks. If your child has a special condition/circumstance that will require a textbook at home, please contact me. Supplies needed are:

* 1” Three Ring Binder
* Loose-leaf paper
* Pencils with erasers
* Colored pencils
* Scissors
* Fine tip dry erase markers
* Stick glue
* Highlighter

**Work** **Due to Missed an Absence**

If an assignment was given prior to an absence, it is due on the day you return. Any work, test, or quiz assigned during an absence must be made up.  You will have the same number of days to make up the work as you have been absent.  If you are absent on the day of a lab, you will be responsible to get a copy of the lab but will not have to conduct the lab yourself.

Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_