Mr. Smith **Course Outline** Per.\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pg. 1! Sixth Grade Physical Science Date \_\_\_\_\_\_\_\_\_

**Class website**: <http://ehmssmith.weebly.com/> **My email:** [smith@ehschools.org](mailto:smith@ehschools.org)

**Class Description**

Welcome to The Middle School, and welcome to sixth grade physical science. I’m confident you’re going to like this school, and you can expect to be participating in many memorable activities throughout the year.

Using a research and problem-solving approach to the study of physical science, the central focus of this course will be the following subjects:

1. Matter: properties, phases, physical and chemical changes, and atomic structure.
2. Motion: work, power, and forces.
3. Energy: forms and conversions.
4. The natural world applied to physical science (Group For The East End/O.W.L.S).

**Grading Policy**

Tests, Projects - 40%

Quizzes - 30%

Homework - 20%

Participation - 10%

**What can you expect during science class?**

* Daily “Warm Up/Do Now” lessons often while I take attendance.
* Written homework, usually on Mondays. Homework should rarely ever take more than twenty min. to complete.
* Tuesday through Thursday nights should be devoted to reviewing classwork for twenty minutes.\*
* Usually just one test and one quiz per month, typically on Fridays.
* My Weebly homepage is a perfect resource for review, and for students who are absent. Take advantage of it!

**Expectations and Goals**

My two central goals in teaching this course are to increase your performance at every ability level, and also to fuel your love of science It is my twenty-fourth year teaching this course, and the key to **growing** and **excelling** is simply knowing that ***effort equals results***. I had a professor in college who told me that most students perceive science as unrelated to their daily lives, unable to see the ties between the science they study and the world where they live. Hopefully we can counter this trend.

**Questions For You**

1. What are some of your interests? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. In what areas of science would you like to be an expert? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Is there a subject in science you hope we investigate this year? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Where might you be able to improve and grow? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_