


This Course: **Physical Science**

is  How chemistry, physics and earth/space about science affect you, your environment, and the world around you.

Time: 1st Semester 2014-2015 School Year

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Course Goals

1. Students will learn all **science benchmarks in Physics, Chemistry, and Earth/Space Science.**
2. Students will **safely** use the **scientific method** to design labs, collect and analyze data, and draw conclusions.
3. Students will be able to **demonstrate** in oral and written form, a basic understanding of scientific theories studied throughout the year.
4. Students will **keep track of their homework and assignments in their planners and on line.** Students will be required to use their planners for hall passes.

Materials and Supplies: bring to class each day

- Text Book: Pearson Physical Science C.I.A.
- Writing Utensils: #2 Pencils and Blue or Black Pens, Highlighter
- Calculator ID Card
- Planner

Community Principles: Class Rules, Responsibilities, and Expectations

- ☺ Be involved – Participate in an academic manner
- ☺ Do all of your work; neatness counts!
- ☺ Respect other people’s property, opinions and differences; no harassment
- ☺ Speak and act respectfully: listen when people are talking, don’t interrupt
- ☺ Treat people, school, supplies with respect and clean-up after yourself
- ☺ Food and drink policy - only water
- ☺ No passes the first 15 or last 15 minutes of class, or during opposite lunch
- 📱 Electrical devices are not allowed in the classroom (other than calculators). Cell phones must be turned off prior to entering class. Cell phones, i-pods, and other electronic devices used during class will be confiscated.

To Be Successful in Science:

- ☆ Acquire and complete any work missed due to an excused absence within the number of days absent plus one*. If the absence is unexcused you will receive a zero on all assignments, or can only get a proficient/meets on an exam/test.
- ☆ Be prepared to learn: have all required material and assignments with you, and be quietly in your desk seat by the time the tardy bell rings
- ☆ Ask for clarification when you don’t understand the material.
- ☆ Homework and in-class assignments are completed and checked off on time. Homework is to be out on the desk in at the **beginning** of the period. Late work will not receive point value. All work needs to be done and checked off before retesting.
- ☆ Academic Integrity: You are responsible for putting forth the effort necessary to learn the material covered in class. Cheating of any form (giving or getting) is not tolerated, and will result in zero credit for the assignment(s).
- ☆ To ensure that students designated as “Talented and Gifted” (TAG) receive academic instruction that is appropriate to their rate and level of learning, the curriculum and instruction of this course may be differentiated to include specialized groupings, compacting of curriculum, accelerated pacing, and providing of extension/challenge activities.

*Most labs will not keep over the weekend, and must be completed immediately for credit!

Grading (See Handout)

- 4-Exceeds**
- 3-Proficient/Meets (Passing)**
- 2- Developing**
- 1-Emerging**
- 0-Beginning**

Grading Scale

- A = 1/2 Exceeds B = 1/4 Exceeds
- C = <1/4th Exceeds and is proficient on all
- F = Some Standards are not met
- I = Needs to redo test to pass it

Course Map

This course: **Physical Science**

Student:*

Includes

Learning Strategies

Performance Options

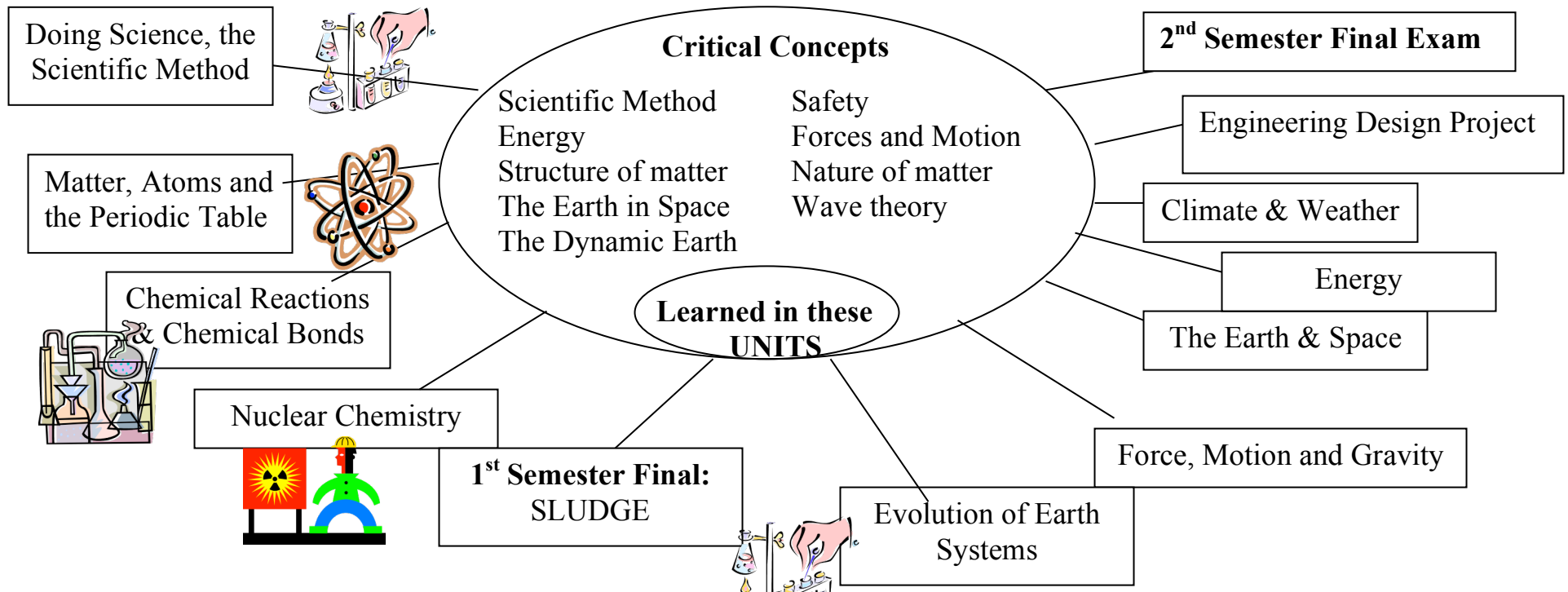
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|--------------------|-----------------------|-----------------------|
| Notes | Learning strategies | Labs |
| Homework | Demonstrations | Study Guides |
| Progress Reports | Quizzes/Tests | Self-checks |
| Group work | Projects | Various structures... |
| Reading strategies | Online Book/Resources | |

- | | |
|--------------------------|--------------------|
| Re-do work (up to 2 wks) | Test re-takes (3x) |
| Oral Tests | Lab Partners |
| Extra Credit | Project Options |
| Guided Reading Online | |

Critical Concepts

- | | |
|---------------------|-------------------|
| Scientific Method | Safety |
| Energy | Forces and Motion |
| Structure of matter | Nature of matter |
| The Earth in Space | Wave theory |
| The Dynamic Earth | |

Learned in these UNITS



Parent Signature _____

Student Signature _____