

ELL Physical Science

Course Outline

Ms. Asion

A.I. DuPont High School

Course Description:

This course is designed for students whose native language is not English. It has a two-tier goal: the teaching of basic scientific concepts with an emphasis on physical science, and the teaching of basic scientific language.

Objectives:

- 1 To introduce students to the areas of physics, chemistry, and earth science.
- 2 To give students a basic knowledge of scientific language.
- 3 To familiarize students with the use of science skills and scientific method.

Content:

- 1 Scientific method and science skills
- 2 Motion
- 3 Force
- 4 Energy and work
- 5 Matter
- 6 Atoms and the atomic theory
- 7 Elements, compounds, and mixtures
- 8 Chemical formulas
- 9 Chemical reactions
- 10 Minerals and rocks
- 11 Tectonics
- 12 Earthquakes and volcanism

Materials:

- 1 Text: **Science Spectrum: Physical Science**, Holt
- 2 Delaware Department of Education units
- 3 Handouts and worksheets

Materials provided by student:

Notebook, binder or two-pocket folder, calculator, ruler, graph paper, pencils.

Class Expectations and Requirements:

Students are required to follow all district and school rules and regulations as well

as the following **classroom rules**:

- 1 Stay in your seat.
- 2 Be courteous and respectful to others.
- 3 Be on time to class.
- 4 Use appropriate language.
- 5 Refrain from eating in class.
- 6 Water is the only beverage allowed in class

For those students who cannot adhere to the rules, the following **consequences** will apply:

1. warning
2. student/teacher conference and/or note home
3. SAC –Student is sent to the Student Alternative Center where a detention is issued.
4. principal

Absences:

When a student is absent from school, **he/she is responsible** for obtaining and turning in any work missed. If the student misses a test or a quiz, **he/she needs to make arrangements** for a time to make up the test.

The student will receive a zero (0) for any work missed due to an unexcused absence.

Homework:

The student is expected to review the class notes on a nightly basis, even if there is no written homework for the night. No homework will be accepted after the due date, unless the student was absent from class.

Grading Policy:

Student's grade will be based on the total number of points accumulated on class participation, class work, homework, quizzes, tests, and projects divided by the possible total. The amount of points assigned to each item will be determined by its length and complexity.

The Red Clay School District grading scale is:

- 100% - 93% - A
- 92% - 85% - B
- 84% - 77% - C
- 76% - 70% - D
- Below 70% - F

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