Physical Science Syllabus

Spearfish High School
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This course is a rigorous, lab-based, math oriented class. The course is designed to introduce the fundamentals of Physics and Chemistry. Most scientific concepts will be covered involving the use of mathematical relationships to explain observed phenomena. Both computer based and natural based labs will be utilized to gain understanding of scientific principles.

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Course Objectives
The students will manipulate mathematical relationships to gain understanding of the fundamentals of Physics and Chemistry. The students will learn to use dimensional analysis as a tool to solve scientific problems.
The students will enhance science laboratory skills.

Course Supplies Requirements
Scientific Calculator. The last day I will lend a calculator will be three weeks after the first day of school. It is suggested that the students each have a pencil and a red pen as much of the work will be on paper.
3-ring binder. 1.5" ring sized preferred

Class Rules
Students are required to attend class on time.
Students are required to complete all work including homework, labs, quizzes & tests.
Students are required to be prepared for class.
Students are responsible for their own work.
Students will do their best work at all times.
Students will not cheat.
Students will seek help when needed.
Students will follow all rules in the student handbook.

My desk and storage room are off limits.
To leave the classroom for any reason you must ask and be given permission. (2 people/class unless an emergency) 1. Sign out when leaving and sign back in on the clipboard on the desk by the door.

Cell phones, apple watches, and/or other electronic *networked* device/s (besides school laptop) must be powered down/off and placed in the phone holder prior to the bell ringing, and left there until the students are excused by me at the end of the class. Laptops are to remain closed during class unless we are using them for a specific activity. You must have permission from me to use your laptop in class.

Grading
Grades will be determined by a semester-long point system. Chapters will differ slightly but you can expect:
Homework 10-20 points
In-Class Assignments and Quizzes 10-30 points
Labs 20-50 points
Tests 50-100 points

Grade values of .5 or higher will be rounded to the next whole number at the end of the semester.

The final exam will be worth 10% of your final grade.

Grades for Physical Science will be determined by the high school grading scale.
A 100-95
A- 94-90
B+ 89-85
B 84-80
C+ 79-75
C 74-70
D+ 69-65
D 64-60
F 59-0

Make-up Work
Students will use Spartan Time for make-up work. Late work will incur a penalty.
Students will have two calendar days to make-up missed work due to an excused absence.
If the absence is deemed unexcused make-up work is expected to be done for a maximum grade of 70%. Students will know what they missed by consulting Planbook.
If students know they will miss class they are to make the work-up before the absence if possible.
If a student misses a test a make-up test may be given.

Students should consult Planbook for sample problems and any missed notes.
Students should consult class notes for sample problems.
Students should seek help during Spartan Time.
Students can seek help before school.

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