PITMAN HIGH SCHOOL
Chemistry in the Earth's System - Course Information
Mr. Jigour

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WEBSITE: chemstoked.com
All course materials are on the website as well as links to further assistance. Please watch the videos on the homepage to learn more about the class and to learn tips for success.

COURSE DESCRIPTION:
Prerequisite: Integrated Math I
This course is a laboratory science course designed to develop an understanding of the chemical nature of our world. Students are required to demonstrate the ability to conduct scientific inquiry and engineering within the context of the Next Generation Science Standards. This course specifically examines the role of chemical properties and processes in driving the earth system.

NEEDED SUPPLIES:

100 sheet composition notebook	Scientific calculator (recommended)
	

Cell Phone Policy

Students are required to have their cell phones turned off and put away before entering the classroom, except when medically necessary.

The use of Artificial Intelligence (AI)

The use of Artificial Intelligence (AI) is not allowed unless explicitly permitted by the assigned teacher for a specific task. For additional information consult district policy (6163.4-E) and/or student handbook.

ABSENCE POLICY:
It is the student's responsibility to get and complete make up work. Make up work is available on the Chemstoked website or in class. Students are allowed the number of days absent plus one to make up work missed for full credit (for example, if absent 4 days, a student will have 5 days to make up work so that the work is due on the 6th day). Make up tests must be completed by the announced deadline (usually within 3-5 days). Labs should be made up during the pride period or by using video labs available on chemstoked.com.

LATE WORK POLICY:
Late work is generally accepted with a deduction that varies with the assignment. Notebook assignments will be stamped if completed on time and late deductions are applied if a percentage of the stamps are missing. Lab assignments are deducted 10% if late. Major projects are deducted 5% for the first day late and 10% after that. Late work is not accepted after the deadline stated in class for the end of a grading period (quarter and semester grades).

MULTIPLE OPPORTUNITIES:
One retake test/assessment is available for each test/assessment (except at the end of the semester). Students may still score full credit on a retake; there is no cap. Preliminary work is required for retakes, and students must complete them during Pride Time within three weeks of the first assessment. Furthermore, students may get help on any assessment during "Pride Time" for which they receive a score lower than 65. If the assessment is redone at the mastery level with help, the score will be changed to 65. Additionally, students that demonstrated mastery or approaching mastery and desire to raise their grade may earn a 10% boost on an assessment by tutoring peers.

ESSENTIAL STANDARDS:

	Essential Standard	Unit
1.	***Safely* planning and carrying out investigations (SP 3):** students can appropriately use lab tools, write and conduct procedures, and do scientific inquiry.	1*, 2, 3, 7, 8
2.	**Analyzing and interpreting data (SP 4):** Students can collect accurate data and interpret data accurately using tables and graphs.	1*, 2, 3, 4, 7, 8
3.	**Mathematical analysis (SP 5):** Students can use mathematical reasoning to conduct experiments, collect data, design outcomes, and make predictions.	2*, 7*, 8
4.	**Developing and using models (SP 2):** Students can use scientific models as a tool for making predictions while also recognizing the limitations of models.	2, 3*, 4, 5, 6
5.	**Claim, evidence, and reasoning (SP 1, 6, 7):** Students can use a logical process to develop conclusions from evidence.	1*, 2, 3, 4, 5, 6, 7, 8
6.	**Energy systems (HS-PS3-2):** Students can model the flow of energy in systems and relate this to current applications.	2, 3*, 7*
7.	**Structure and function of matter (HS-PS1-1; HS-PS1-3; HS-PS2-6):** Students can model and predict how the small-scale structure of matter results in large-scale behaviors.	3, 4*, 6*, 8*
8.	**Chemical bonding & reactions (HS-PS1-2):** Students can model and predict how atoms form compounds and how reactions occur between compounds.	5*, 7*, 8

SP = Science Practice (available at https://www.nextgenscience.org/)
*Denotes a central focus of the unit, although the concept may still occur in other units.

GRADES:
Grades are based on total points. Categories are assigned as labels, but no category has higher weight than another. Letter grades are assigned in a traditional format in which A, B, C, D, & F grades represent 100%-90%, 89%-80%, 79%-70%, 69% to 50%, and 49%-0%, respectively. I round up for letter grades if the grade is over 0.5 percent points; for example, 79.5 would round up to a B but 79.4 would round down to a C. *Note: plagiarism or cheating of any kind will result in zero credit for ALL students involved.*

Category	Total points*	% of total
Unit tests	500 (100 pts for each test)	58%
Assignment comprehension (DPQ / quiz)	[temporary grade only]**	N/A
Assignment completion (notebook)	75	9%
Labs	135	16%
Cumulative project and/or final***	150	17%
Total points for semester	860	100%

*Total points and percentages may vary.
**DPQs (daily progress questions) and quizzes are formative assessments that provide early checks on progress. However, they are not final measures of student learning and are deleted at the end of each unit.
***Project information is available at the bottom of the labs & projects page at www.chemstoked.com.

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I have read and understood the course information sheet.

Student's name: _____ (please print) Period ___

Student signature: _____ Date: _____

Parent/guardian signature: _____Date: _____

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