**BRAZOS HIGH SCHOOL**

Teacher: Mrs. Hlavinka

Course: Chemistry Honors and Chemistry

Text: Materials from various sources: Stemscope

**COURSE DESCRIPTION**

 Chemistry is a two-semester (36-week) course that provides an understanding of chemistry to fully appreciate the complexity and interactions present in their world. Chemistry deals with the composition, properties and transformations of substances. The study of chemistry should help students to increase their analytical and perceptive capabilities and provide them an opportunity to explore the vocations in the field of chemistry.

**OVERVIEW OF COURSE CONTENT**

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| --- | --- |
| Laboratory ManagementMeasurement and calculations | Chemical Equations and ReactionsStoichiometry |
| Matter | Gases |
| Atomic Structure Nuclear Chemistry  | Solutions |
| Electrons | Reactivity |
| Periodic Law | Thermochemistry |
| Chemical bonding | Nuclear Chemistry |
| Chemical Nomenclature | Chemistry Connections |
| Chemical Quantities: Mole concept | Final Exam |

\* Semester Exam will be given at the end of each semester of study

**HOMEWORK**

* Students are encouraged to complete all written and all reading assignments throughout the semester.
* Late work will  be accepted for full credit. Late work is accepted according to school policy but **MUST** be done before the unit test.
* Repeated late/missing work or failing grades will result in parent conference to determine how to resolve the issue.
* Tutorial times are posted in the classroom and or may be scheduled in advance with me.
* Students and parents are expected to access & check grades online through the district website.
* Student assignments will be in the student notebook for parental inspection. Inspection of tests maybe arranged with me.

**ABSENCES AND MAKE-UP WORK**

* **Make-up assignments and notes are the responsibility of the student.**
* An assignment in student’s possession during an absence must be turned in upon returning to class. Assignments missed due to absences of more than one day must be turned in according to the teacher’s instructions.
* If a student misses a quiz, the student will take the quiz the next school day provided that no new material was covered during the absence.
* The method of makeup labs depends on the nature of the material. You may be given an alternate assignment covering the same material or be required to come in during tutorials to complete the lab.
* If a student fails a quiz, the student must retake the quiz on the next school day in order to keep up with the course material.

**TESTING**

* If a student misses a test the student will take the test the next school day provided that no new material was covered during the absence. If student was absent more than one day, the student must make arrangements with the teacher in order to make-up the test ASAP.
* It is the student’s responsibility to schedule a retest time if necessary. **Retests must be completed before the next unit test is given.**

**GRADING CRITERIA**

Each Six Weeks Semester Grade

20 % Daily Grades, Homework 6-weeks = 80%

40% Quizzes, Labs Midterm/Final exam = 20%

40 % Major Tests and Projects

**NOTEBOOKS AND SUPPLIES**

* You need to bring required materials everyday: pens, pencils, paper, composition book, map colors, scissors