# **Chemistry 2021-2022**

**Mr. Lowrie Crosby High School**

**Syllabus**

**Overview:**

This course is designed to provide an understanding of the major principles and concepts of chemistry.

Topics will include:

* Lab Safety
* Dimensional Analysis
* Graphing
* Accuracy and Precision
* Matter
* Atomic Structure
* The Periodic Table
* Chemical Bonding
* Chemical Formulae
* Moles
* Stoichiometry
* Gases
* Solutions
* Acids and Bases
* Thermochemistry

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The nature of science requires the student to know certain basic facts that **MUST** be committed to memory. Mathematics is an integral part of science. Problem solving strategies will be stressed when necessary.

**Materials Needed**:

The following are the materials needed for this class.

1. Readily available supply of loose leaf paper
2. A folder in which to keep said loose leaf paper
3. Black or blue pens and #2 pencils with erasers
4. Scientific calculator (Provided), Scientific or graphing calculator for home
5. Willingness to ask questions and participate in class
6. Alert and active human brain.

**GRADING:**

A typical six weeks grading period would have major grades counting for sixty percent of the average and minor grades making up the remaining 40%.

* Examples of major grades would be Tests, Projects, or full Lab Reports
* Examples of minor grades would be Daily Work, Quizzes, Homework, or Minor Labs

Within a grading period there will be generally no less than two major grades.

Progress Reports and Report Cards are posted to Skyward every three weeks.

**Course Expectations**:

1. **ALL** students are expected to actively take notes during teacher presentations. It is important to pay attention in class **and** ask questions when you do not understand.
2. Homework is due at the beginning of the class period. Please refer to the student handbook for district policies concerning make-up/late work policies. **NO WORK-NO CREDIT- NO KIDDING!!!**
3. Students are expected to be attentive and contribute to the class. Although extra credit is rarely given, students that honestly try and cooperate will always be given consideration when borderline grades occur.
4. Labs are very serious and each student is expected to follow the Flinn Laboratory Safety policies. Failure to do so will result in the removal of the student from the lab area and **alternative written work** will be assigned for the remained of the semester for each laboratory investigation.

1. Cheating of any kind will not be tolerated. A student caught using a cell phone during a test will be treated as if he/she were using it to cheat. Calculator use is a privilege, not a right. Using a calculator to cheat will result in loss of the calculator privilege. Turning in copied work, whether from a classmate or the internet, etc. will result in the maximum punishment the district allows.

**Points to Ponder:**

* Please do not be afraid to make mistakes! Mistakes help us learn. Pencils have erasers for a reason.
* I get paid to answer your questions…PLEASE make me earn my pay.
* Communication is key. I can’t know you are struggling unless you tell me.

**A copy of this syllabus can be found on my website: www.rubberchickenz.com**

**I received and read my child’s Chemistry syllabus and understand where to find a copy for myelf:**

**Parent Name (please print)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Contact number or email address\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student’s Name (please print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_\_