# Caddo Magnet High

# SYLLABUS

Chemistry 2017-2018

## INSTRUCTIONAL GOALS

This Chemistry course will delve into the concepts of matter as related to the physical sciences. Throughout the year, students will obtain foundational skills needed to further education in the physical sciences. This class will provide students with the opportunity to work independently as well as cooperatively on projects, labs, and daily class assignments.

At the end of this course, you will:

* know proper lab techniques and the components of a well written lab report.
* be able to identify the major components of Chemistry and matter.
* understand how to use various mathematical equations as they relate to Chemistry.

#### NEEDS AND RESOURCES

### **Required Materials**

### To successfully complete this course, you will need :

* A spiral bound notebook of your choice (the larger 3 and 5 subject notebooks work best)
* Writing utensils (pens, pencils, etc.)
* Highlighters or markers that can be used to highlight
* Glue or glue stick/Scissors (only if you want your own)
* **Scientific Calculator (doesn’t need to be fancy, but needs more than main operations)**
* 3 prong folder with pockets

##### Print Resources

* Student Book: Glencoe *Chemistry: Matter and Change*

### COURSE SCHEDULE (subject to change)

The general outline is provided with the possible test dates. During each unit, there will also be quizzes, projects, notebook checks, and labs that will contribute to the overall grade for the course.

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| --- | --- | --- | --- |
| **Unit** | Approximate Time Spent | Chapters | Test |
| Measurements and Problem Solving | 2 Weeks | 1-2 | Sept 6 |
| Matter | 3 Weeks | 3 | Sept 26 |
| Atoms and the Periodic Table | 5 Weeks | 4-7 | Oct 20 |
| Chemical Bonding/ Formation of Compounds | 4 Weeks | 8-9 | Nov 17 |
| Moles, Reactions, and Stoichiometry | 6 weeks | 10 | Dec 12 |
| **Midterm Exam** |  | **CH. 1-9** | **DEC. 15,18-20** |
| Moles, Reactions, and Stoichiometry | 6 weeks | 10 (b4)-12(a) | Feb 14 |
| States of matter, energy change, & LeChatelier | 6 weeks | 13, 14, 16, 18 | Mar 13 |
| Solutions, Acids and Bases | 6 weeks | 15, 19-20 | Apr 26 |
| Carbon and its Compounds | 2 weeks | 22 | May 8 |
| **Final Exams** |  | **10-22** | **May 14-17** |

#### POLICIES AND PROCEDURES

**General Rules:**

1. Come to class ON TIME with appropriate materials.
2. Bring your notebook to class every day.
3. Respect your classroom, your peers, and YOURSELF
4. If you need to leave class for a non-emergency (i.e. bathroom, office, etc.), ask **AFTER** instruction has been completed.
5. A drink may be brought into class as long as it has a lid. Food needs to be kept to a minimum.

**Grading Policies:**

Grades for the course will include test grades, quizzes, lab participation and lab reports, projects, and notebook grades (includes homework). Notebooks will be graded every time there is a test. There will also be a comprehensive semester exam. If you are absent, you have three days to make up your work but it is YOUR responsibility to collect the work you have missed and turn it in. If you are absent on the day of a test you will have to make up the test on the next day you are in class. Again, it is YOUR responsibility to make up the work. If a lab is missed, the next lab participation will be counted twice. You must collect data from your group to complete the lab report if one is assigned.

**Grading Scale:**

The following is the grading scale adopted by all the teachers at Caddo Magnet.

|  |  |
| --- | --- |
| **Percentage** | **Letter Grade** |
| 100-90 | A |
| 89-80 | B |
| 79-70 | C |
| 69-60 | D |
| 59-0 | F |

#### ADDITIONAL INFORMATION

If you would like to meet with me during the day, please let me know so I can make appropriate arrangements. I will be available for tutoring before and after school. Be sure to let me know in advance when you are coming.

#### CONTACT INFORMATION

Ms. Dolph

School: 318-221-2501

**E-mail: ajdolph@caddoschools.org**

CLASS WEBSITE

Our class website is **dolph.educatorpages.com**. It has a calendar on it under the *Daily Schedule* that will have missed notes and assignments linked to it. This is your best resource if you are absent! Use it!

Remind Number: \_\_\_\_81010\_\_\_\_

Remind Text: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_