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| **Course Title:** | Chemistry and Honors Chemistry | | | |
| **Instructor:** | Sarah Fraser Mirock | | | |
| **Phone:** | 520-545-5437 | | | |
| **Room Number:** | 706 | | | |
| **Email:** | sarahfm@susd12.org | | | |
| **Course Website(s):** | <https://learn.susd12.org> | | | |
| **Office Hours/After School Availability:** | *MWThF from 2:00-2:30 or by appointment.* | | | |
| **Resources:** | *Discovery Education* <http://www.discoveryeducation.com/> | | | |
| **Recommended Supplies: 3 ring binder, scientific calculator, paper, pencil/pen, laptop** | | | | |
| **Course Description:** *This class is an introduction of the study of the chemical composition and behavior of matter. In this class you will study the structure and function of atoms and molecules of living and non-living matter. You will also learn the Periodic Table, the structure of atoms, molecules, bonding reactions, and behaviors of elements. If you decide to continue to study chemistry in the future, it leads to a wide variety of interesting and profitable careers.* | | | | |
| **Course Outline: Honors Chemistry will cover all topics in greater depth than regular Chemistry.** | | | | |
| ***Quarter 1***  Scientific Method  Measurement  Metric System  Conversion Factors  Dimensional Analysis  Atomic Structure  Electrons | | ***Quarter 2***  Periodic Table  Chemical Names Chemical Formulas Ionic/Covalent Bonding  Chemical Reactions  The Mole | ***Quarter 3***  Stoichiometry  Solutions  Acids and Bases  Behavior of Gases | ***Quarter 4***  Neutralization  Hydrocarbons  Organic Chemistry  Nuclear Chemistry |
| **Grading Policy:** Percentage to letter grade equivalents (90%-100% - A) | | | | |
| **Grading System:** Categories and weighting  **Assessments 30%**  **Labs and Projects 40%**  **Classwork/Homework 30%** | | | | |
| **Classroom Procedures and Expectations:**  Honors Chemistry can be a very challenging class, so in order for you to be successful this year you should do the following things:  a. Be prepared daily (3 ring binder, scientific calculator, paper/pencil/pen)  b. Be on time daily (**NO TARDIES!)**  c. Maintain a positive attitude  d. Ask questions if you need to (relevant to the subject matter)  e. Listen to and follow directions (even if you don’t want to)  f. Turn in all assignments on time (**NO LATE WORK ACCEPTED)**  g. Follow all lab safety rules (Labs are a privilege, not a right)  h. Take notes during all lectures (keep an organized notebook)  i. Follow all classroom rules (not just the ones that you like)  j. Privileges can be earned for meeting or exceeding expectations as a class.  3. Classroom Policies  1. You are expected to be on time every day to class.  2. When I am talking, you don’t  3. Have your student ID visible at all times  4. No electronic devices are to be used in class at all! No cell phones, Ipods, MP3’s, cameras (no exceptions)  5. Make up work for absences are your responsibility. You have one day to make up work for every day that you are absent. Make sure that you ask me what you missed.  6. If you need to use the restroom or get a drink of water, you may not leave the room unless you have an official campus pass with my signature.  7. Academic dishonesty (cheating) will not be tolerated and can result in your removal from the course.  4. Assignments  1. Notebook (graded once a month)  2. Homework (2-3 weekly)  3. Labs (1-2 per chapter)  4. In-class assignments (1-2 weekly)  5. Activities (1-2 per unit)  6. Exams (2 per month, depends)  I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on this date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ have read and  STUDENT SIGNATURE  understand the above classroom rules and policies and agree to follow them.  I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on this date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_have read and  PARENT SIGNATURE  understand the above classroom rules and policies and support them. | | | | |
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