

CHEMISTRY B – Mrs. Adams

2011-2012

Course Description:

A general chemistry course that covers the State of Michigan expectations in the areas of chemical reactions, moles, thermodynamics, and acids & bases through lecture, note-taking, web-based activities, current events and laboratory investigations.

Course Materials:

- **3-Ring Binder**
- **Composition Book**
- **Text Book** – Chemistry: Connections to Our Changing World by Lemay, et al
- **Pen/Pencil**

<i>Topics & Test Dates</i>	
PART 1 – MOLECULAR MADNESS	
Molecules, Polarity & Reactions (8, 9) <ul style="list-style-type: none"> ◆ Periodic Table & Bonding Review ◆ Polarity ◆ Empirical vs. Molecular Formulas ◆ Balancing Equations ◆ Types of Reactions <p><i>Test: Friday, December 16th</i></p>	Moles & Stoichiometry (10, 11) <ul style="list-style-type: none"> ◆ Moles & Molar Mass ◆ Mole Conversions ◆ Percent Composition, Yield & Limiting Reagents ◆ Isomers <p><i>Test: Friday, January 20th</i></p>
PART 2 – GASES, ACIDS & HEAT, OH MY!	
Behavior of States of Matter (13, 14, 15, 18) <ul style="list-style-type: none"> ◆ Gases & Their Laws ◆ Nature of Solids & Liquids ◆ Solutions, Solubility & Precipitates ◆ Acid/Base Chemistry <p><i>Test: Friday, February 23rd</i></p>	Thermochemistry (12, 13, 23) <ul style="list-style-type: none"> ◆ Heat ◆ Enthalpy ◆ Entropy ◆ Spontaneous Processes <p><i>Test: Friday, February 24th</i></p>
<i>Trimester Exams: February 28th – March 1st</i>	

GRADING

Your grade is calculated by dividing the points you earn by the total points possible. Keep yourself in the bolded area of the grading scale by completing your assignments and preparing yourself for tests. Remember that every point counts!

<p>Points</p> <p>Tests: 100 pts</p> <p>Vocabulary: 20-40pts</p> <p>Notebook Checks: 20pts</p> <p>Assignments/Homework: 10-30pts</p> <p>Current Events: 25 pts</p> <p>Labs: 15-30 pts</p>	<p>Grading Scale</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">93-100...A</td> <td style="border-right: 1px solid black; padding: 2px;">80-82...B-</td> <td style="padding: 2px;">68-69...D+</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">90-92...A-</td> <td style="border-right: 1px solid black; padding: 2px;">78-79...C+</td> <td style="padding: 2px;">63-67...D</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">88-89...B+</td> <td style="border-right: 1px solid black; padding: 2px;">73-77...C</td> <td style="padding: 2px;">60-62...D-</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">83-87...B</td> <td style="border-right: 1px solid black; padding: 2px;">70-72...C-</td> <td style="padding: 2px;">0-60...F</td> </tr> </table> <p style="text-align: center;">There will be approximately 700-800 points possible this trimester</p>	93-100...A	80-82...B-	68-69...D+	90-92...A-	78-79...C+	63-67...D	88-89...B+	73-77...C	60-62...D-	83-87...B	70-72...C-	0-60...F
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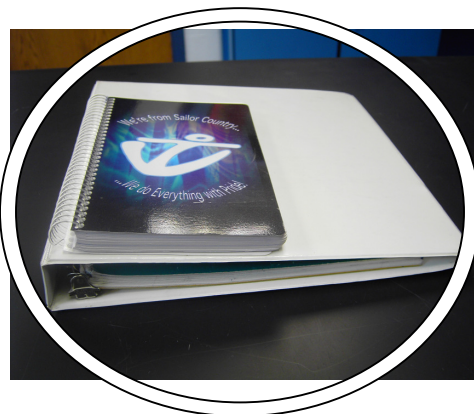
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Expectations:

1. Bring all materials to class each day.
2. Be safe in lab; follow directions carefully, and clean up well.
3. Treat all others in the class with respect. Everyone in this class deserves the chance to succeed in a supportive, non-threatening environment.
4. Be prepared for class each day by doing the necessary readings, studying, and/or written homework assignments.
5. Do your own work.
6. Be organized!

Your stuff should look like this



NOT like this



LATE ASSIGNMENTS

These will be accepted for ½ credit one day late. If they are more than one day late, they will not be accepted for points. This does not include make-up work due to absence.

HELP SESSIONS

Since this is a required high school science credit, it is expected that you will take ownership in your grade and performance in this class.

- Use the moodle page <http://moodle.monashores.net> to keep up with assignment due dates and to find support material in the form of videos and interactive websites.
- If you need extra help, just ask! It's always best to clear up any confusion before things get overwhelming.
 - Tutors are in the media center to help you Tuesdays - Thursdays
 - I am here to help you
 - During class
 - Nearly every day before and after school
 - *You can reach me*
 - By email – adamsje@monashores.net,
 - By blog - <http://blogs.monashores.net/adamsje>, or
 - By phone - school 780-4711 ext.8371, home 780-0141.