

AP CHEMISTRY Mrs. Suzanne van Balveren suzannevanbalveren@laschina.org lasscience.weebly.com Room 318 Office hours: Monday - Friday 8.00 - 8.30, 3.45 – 4.15	
<u>Mission:</u>	The purpose of the AP Chemistry course is to prepare students to be critical and independent thinkers who are able to function effectively in a scientific and technological society. Students will be able to analyze scientific and societal issues using scientific problem solving. This course will focus on an inquiry-based learning of essential concepts.
<u>Textbook and materials:</u>	<ol style="list-style-type: none"> 1. Textbook - <i>Chemistry</i> by Zumdahl & Zumdahl, 9th ed. ISBN: 9781133611097 2. Lab book: <i>Laboratory experiment for Advanced Placement Chemistry</i> by Incorporated Flinn Scientific ISBN: 9781933709031 3. A variety of materials gathered from other sources <p>It is important that students come to class prepared <u>every day!</u> Unprepared students will have a hard time keeping up with the pace of the course, and therefore will lose participations for unpreparedness.</p> <p>Materials: Journal Three Ring Binder with 5 Dividers Calculator Pencil and Eraser Pen Ruler Highlighters VPN; teacher will show videos about various concepts in class, but will also provide extra study materials that need a VPN.</p>
<u>Grades:</u>	90% - 100% = A 80% - 89% = B 70% - 79% = C 65% - 69% = D 64% - below = F Incomplete = I
<u>Absent work and Late Work Policy:</u>	If a student is absent, the amount of time allotted to complete missing assignments is equal to the amount of school missed. If a student is absent two days, he/she will have two days to complete the

	<p>missing work.</p> <p>This course will cover an insane amount of content at a fast pace, I advise students to be present every day. Students planning to miss multiple days of school should contact me <u>prior</u> to departure to discuss a study plan.</p> <p>It is the student's responsibility to meet with classmates to collect missed lecture notes.</p> <p>If a student misses a quiz or test, they should meet with me directly to reschedule the assessment.</p> <p>Late work: In order to not fall behind, I expect students to complete all assignments on time. Late assignments will lose ten percent for each (school) day late.</p>
<p><u>Website:</u></p>	<p>http://lasscience.weebly.com</p> <p>This website is currently under construction and will be completed in September. Once the website is up and running students will be able to access course information online. For example: PPT Slides, videos, review sheets etc.</p>
<p><u>Expectations:</u></p>	<p>My expectations for students are in alignment with our school values. I expect students to be:</p> <ol style="list-style-type: none"> 1. Compassionate Citizens: <ul style="list-style-type: none"> - Come to class with a positive attitude - Be respectful to teacher and classmates - Take care of the classroom and class materials - Be on time and bring necessary materials 2. Proficient Communicators: <ul style="list-style-type: none"> - Tactfully contribute to class discussions - Be a useful participant during class activities. - Share ideas with all classmates, and do not only associate with those that speak in the same native language. - Communicate with me if you have any questions, problems, or concerns. 3. Creative thinkers: <ul style="list-style-type: none"> - Use your imagination and creativity when doing your assignments - Think of innovative ways to problem solve and work with others. - Use critical thinking skills to demonstrate understanding of material. 4. Confident Individuals: <ul style="list-style-type: none"> - Take responsibility over yourself and your work. - Take pride in what you do and always do your best work. - Motivate yourself to take an authoritative role in your learning.
<p><u>Plagiarism and cheating:</u></p>	<p>Plagiarism and cheating will not be tolerated. Any dishonest behavior of this nature will result in a failing grade on the assignment and a meeting with administration and parents.</p>
<p><u>Tardy policy:</u></p>	<p>Students are expected to be in the seats working on the "DO NOW" when the bell rings.</p>

	<p>Tardy policy is according to “secondary handbook 2015-2016”:</p> <p>1st tardy: Warning</p> <p>2nd tardy: Referral to After-School Detention</p> <p>3rd tardy: Referral to After-School Detention Teacher contacts parents</p> <p>4th tardy: Count as unexcused absence Referral to After-School Detention</p> <p>5th tardy: One day In-School Suspension Meeting with Parents Administrator Discretion</p>
<p><u>Cell phones and other electronics:</u></p>	<p><u>No cellphones are allowed in the classroom.</u> If you bring your cellphone to class it will be confiscated. You will be able to pick up your phone after school.</p> <p>Other electronic devices may only be used after approval of the teacher.</p>
<p><u>Content Outline:</u></p>	<p>Quarter 1:</p> <p>Chapters 1-3: Basic Chemistry</p> <p>Chapter 4: Types of Chemical Reactions and Solution Stoichiometry</p> <p>Chapters 5, 10: The Kinetic-Molecular Theory & States of Matter</p> <p>Chapter 6: Thermochemistry</p> <p>Chapters 7, 21: Atomic and nuclear structure</p> <p>Quarter 2:</p> <p>Chapters 8, 9: Bonding and Molecular Structure</p> <p>Chapter 11: Solutions and Colloids</p> <p>Supplemental Chapter: Spectroscopy and Chromatography</p> <p>Chapter 12: Chemical Kinetics</p> <p>Quarter 3:</p> <p>Chapter 13: Equilibrium</p> <p>Chapter 14: Acids and Bases</p> <p>Chapter 15: Weak Ionic Equilibrium</p> <p>Chapter 16: Chemical Thermodynamics</p> <p>Quarter 4:</p> <p>Chapter 17: Electrochemistry</p> <p>Chapter 20: Transition Metals and Coordination chemistry</p> <p>AP EXAM MAY 2nd</p>