

Honors Chemistry Tentative Calendar

1st Semester

Intro and Safety

AUGUST

Monday	Tuesday	Wednesday	Thursday	Friday
	13 Welcome to Chemistry!	14 Safety Equipment Policy Handouts Safety Contract HW: Get forms signed!	15 Equipment Matching CLUE CER? Or Note Taking?	16 <i>Safety Quiz?</i>

Matter, Energy, and Change Subunit

AUGUST

Monday	Tuesday	Wednesday	Thursday	Friday
19 Google Classroom, Introduction to SAVAAS, &	20 Experience 1: Introduction to Energy	21 Experience 4: Heat Transfer and Thermal Equilibrium	22 Experience 4: Heat Transfer and Thermal Equilibrium	23 Experience 4: Heat Transfer and Thermal Equilibrium

Anchoring Phenomena: Wildfires				
26 Laws of Thermodynamics Poster *PMA	27 Laws of Thermodynamics Poster	28 IRP Day 1		

Atomic Structure Subunit

September

Monday	Tuesday	Wednesday	Thursday	Friday
			8/29 Beanium Explore Lab	8/30 Atomic Structure Notes
2 NO SCHOOL	3 Flame Test Lab	4 Experience 2: Atomic Emission Spectra and the Bohr Model	5 Experience 3: Modern Atomic Theory	6 Experience 4: Electrons in Atoms
9 Experience 4: Electrons in Atoms *PMA	10 <i>Concept Check</i>	11 Review	12 <u>TEST</u>	13 Test Corrections

The Periodic Table Subunit

September/October

Monday	Tuesday	Wednesday	Thursday	Friday
16 Animal Organization Explore	17 Periodic Families Notes	18 Periodic Families Lab	19 Element Properties	20 E-dots & Trends Explore
23 E-Dots & Trends Notes	24 <i>Concept Check</i>	25 Notes on Covalent Bonds and Polarity OR	26 Notes Ionic and Metallic Bonds OR	27 Covalent vs. Ionic Lab OR

		Ionic, Covalent, and Metallic Bonds Notes	Covalent vs. Ionic Lab	Review
30 Counselor Day	10/1 Review (Pep-Rally Schedule) *PMA	10/2 PSAT	10/3 <u>TEST</u>	10/4 Test Corrections

1st 9 Weeks Unit 1 Performance Assessment

October

Monday	Tuesday	Wednesday	Thursday	Friday
7 IRP Day 2	8 IRP Day 3	9 <u>1st 9 Weeks Performance Assessment</u>	10 <u>1st 9 Weeks Performance Assessment</u>	11 <u>1st 9 Weeks Performance Assessment</u>

Chemical Bonding Subunit

October

Monday	Tuesday	Wednesday	Thursday	Friday
21 Everyday Phenomenon	22 Writing Bonded Lewis Structures	23 Molecular Geometry & Polarity (Shape and Bond Angles)	24 Compound Naming: Ionic and Covalent	25 Compound Naming: Transition Metal & Acid
28 VSEPR & Naming Activity *PMA	29 <i>Concept Check</i>	30 Review	31 <u>TEST</u>	11/1 Test Corrections

Physical Properties of Substances Subunit

November

Monday	Tuesday	Wednesday	Thursday	Friday
4 Everyday Phenomenon	5 NO SCHOOL	6 IMFs	7 IMFs & Phase Changes	8 Solubility: Solutions and Solubility Curves

11 Solutions Lab	12 <i>Concept Check</i>	13 Review *PMA	14 <u>TEST</u>	15 Test Corrections
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Chemical Reactions Subunit

November/December

Monday	Tuesday	Wednesday	Thursday	Friday
18 Everyday Phenomenon	19 Modeling Reactions	20 Types of Reactions	21 Balancing Reactions	22 Reactions Lab
25 <i>NO SCHOOL</i>	26 <i>NO SCHOOL</i>	27 <i>NO SCHOOL</i>	28 <i>NO SCHOOL</i>	29 <i>NO SCHOOL</i>
2 Review *PMA	3 <i>Concept Check</i>	4 Review	5 <u>TEST</u>	6 Test Corrections

2nd 9 Weeks Unit 1 Performance Assessment & 1st Semester Exams

December

Monday	Tuesday	Wednesday	Thursday	Friday
9 <u>2nd 9 Weeks Performance Assessment</u>	10 <u>2nd 9 Weeks Performance Assessment</u>	11 <u>2nd 9 Weeks Performance Assessment</u>	12 <u>2nd 9 Weeks Performance Assessment</u>	13 <u>2nd 9 Weeks Performance Assessment</u> OR Semester Exam Review
16 Semester Exam Review	17 <u>SEMESTER EXAMS</u>	18 <u>SEMESTER EXAMS</u>	19 <u>SEMESTER EXAMS</u>	20 <u>SEMESTER EXAMS</u>

2nd Semester

Chemical Quantities Subunit

January

Monday	Tuesday	Wednesday	Thursday	Friday
6 NO SCHOOL	7 Accuracy & Precision	8 Accuracy & Precision	9 SNOW DAY	10 SNOW DAY
13 Sig-Figs & Scientific Notation	14 Dimensional Analysis Card Game	15 Moles Notes, Mole Ratios, 1-step conversions	16 Counting by Weighing Lab	17 2-step conversion notes and practice
20 NO SCHOOL	21 1 and 2 step mole Practice & PMA	22 Empirical and Molecular Formulas & PMA	23 Percent Composition, Molarity, & PMA	24 <i>Concept Check</i> & PMA
27 Review	28 Review	29 <u>TSIA TESTING</u>	30 <u>TEST</u>	1/31 Test Corrections

Stoichiometry Subunit

February

Monday	Tuesday	Wednesday	Thursday	Friday
3 SAVVAS Phenomenon	4 Practice with Stoichiometry	5 Practice with Stoichiometry	6 Practice with Stoichiometry	7 Mini-check
10 S'mores Lab & PMA	11 Limiting & Excess Reagents & PMA	12 Practice Percent Yield & PMA	13 Mini-check & PMA	14 IRP/IE DAY & PMA

17 NO SCHOOL	18 NO SCHOOL	19 Review	20 <u>TEST</u>	21 Test Corrections
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Behavior of Gases Subunit & 3rd 9 Weeks Performance Assessment

February/March

Monday	Tuesday	Wednesday	Thursday	Friday
2/24 Engage Phenomenon	2/25 Gasses and Pressure (Dalton's Law)	2/26 Ideal Gas Law & Combined Gas Law	2/27 Ideal & Combined Gas Laws Problems	2/28 Mini-Check
3/3 Stoichiometry with Gases	3/4 Gas Stoichiometry Practice	3/5 Mini-Check	3/6 Gas Laws Lab & PMA	3/7 Review & PMA
3/10 <u>TEST</u>	3/11 Test Corrections	3/12 <u>3rd 9 Weeks Performance Assessment</u>	3/13 IRP/IE Day	3/14 <u>Ice Cream Lab</u>

Thermochemistry Subunit

March/April

Monday	Tuesday	Wednesday	Thursday	Friday
3/24 NO SCHOOL	3/25 Engage Phenomenon	3/26 Energy & Laws of Thermodynamics Review	3/27 Endo & Exo Reactions Notes	3/28 Calorimetry Notes
3/31 Calorimetry Practice & PMA	4/1 Calorimetry Lab	4/2 Equilibrium Notes & Practice	4/3 Equilibrium Lab	4/4 Review
4/7 <u>TEST</u>	4/8 <u>ENGLISH I & II EOC</u>	4/9 Test Corrections		

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Acid-Base & Redox Unit

April/May

Monday	Tuesday	Wednesday	Thursday	Friday
			4/10 Engage Phenomenon	4/11 Naming & Writings Acids & Bases
4/14 Defining Acids & Bases	4/15 <u>BIOLOGY EOC & ASVAB</u>	4/16 pH Notes & Calculation	4/17 CC & PMA	4/18 <i>NO SCHOOL</i>
4/21 Redox Practice	4/22 Review	4/23 <u>TEST</u>	4/24 <u>ALGEBRA I EOC</u>	4/25 SAVVAS Activity due to Fine Arts Trip
4/28 Test Corrections				

Nuclear Chemistry Unit

April/May

Monday	Tuesday	Wednesday	Thursday	Friday
	4/29 Engage Phenomenon	4/30 Nuclear Decay	5/1 Nuclear Reactions	5/2 Fission & Fusion
5/5 Applications of Nuclear Reactions	5/6 Nuclear Check	5/7 Nuclear Project Work Day	5/8 Nuclear Project Work Day	5/9 Nuclear Project Presentations
5/12 Nuclear Project Presentations				

2nd Semester Exams

May

Monday	Tuesday	Wednesday	Thursday	Friday
	13 Semester Exam Review (Chemical Quantities & Stoich)	14 Semester Exam Review (Behavior of Gases)	15 Semester Exam Review (Thermochemistr y)	16 Semester Exam Review (Acid & Base Reactions + Redox)
19 Semester Exam Review (Nuclear Chemistry)	20 SEMESTER EXAMS	21 SEMESTER EXAMS	22 SEMESTER EXAMS	23 SEMESTER EXAMS