

<u>Dates</u>	<u>CIC Chapter #</u>	<u>CTCS Chapter #</u>	<u>Chapter Topics</u>
What are you breathing in?			
Jan 2	1.1 – 1.6	1.1-2, 1.4-6	Matter, Units, and Dimensional Analysis
Jan 4	1.7 – 1.8	2.1-5	Atoms and Molecules
Jan 7	1.9 – 1.15	3.1-4	Chemical Equations, Molecular Weights, and the Mole
Is ozone or the ozone hole really a problem?			
Jan 9	2.1 – 2.3	8.1, 8.4, 8.6-8	Lewis Structures and Covalent Bonding
Jan 11	2.4 – 2.6	6.1-3	Electronic Structure – Bohr Model
Take Home Quiz #1			
Jan 14	2.7 – 2.9	6.5-9	Electronic Structure – Quantum Mechanics and Orbitals
Jan 16	2.10 – 2.19	18.1-3	Earth's Atmosphere
Global warming, is it here?			
Jan 18	3.1 – 3.7	9.1	Molecular Shapes
Jan 21	3.8 – 3.15	3.6-7, 18.4	Limiting Reagent and Percent Yield
Jan 23			Catch-up Day
Jan 25			Hour Exam #1
What energy source should your car use?			
Jan 28	4.1 – 4.2	5.1, 5.3-4	Enthalpy
Jan 30	4.3 – 4.4	8.9	Covalent Bond Strength
Feb 1	4.5 – 4.14	5.6-7, pp 172-3	Hess's Law and Enthalpy of Formation
Is bottled water really necessary?			
Feb 4	5.1 – 5.4	8.2-3, 4.1-2	Ion, and Ionic Bonding in Water
Feb 6	5.5 – 5.10	11.2	Intermolecular Forces
Feb 8			Catch-up Day
Take Home Quiz #2			
Feb 11	5.11 – 5.16	2.6, 18.5-6	Municipal Water
Is acid rain still a problem?			
Feb 13	6.1 – 6.3	16.1-3	Acids-Bases
Feb 15	6.4 – 6.6	16.4-7	pH and Strength of Acids-Bases
Feb 18	6.7 – 6.14	18.4	Acid Rain
Feb 20			Catch-up Day
Feb 22			Hour Exam #2
Alternative energy sources; Have you seen the latest invention?			
Feb 25	8.1 – 8.2	4.6, 20.1-2	Solution Stoichiometry and Redox Reactions
Feb 27	8.3	20.3-4	Electrochemical Cells and EMF
Mar 1	8.4	20.5	Spontaneity
Mar 4	8.5 – 8.7	20.7-8	Batteries and Corrosion
Nuclear power is being heard from again!			
Mar 6	7.1 – 7.7	21.1-4	Nuclear Reactions and Radioactivity
Mar 8	7.8 – 7.14, 8.8	21.6-9	Nuclear Energy
Mar 11	8:00 am – 9:50 am		Final Exam