

Chemistry : The Nature Of Matter Outline

<u>Day</u>	<u>Subject / Activity</u>
1	Introduction / Class Rules / Grading / Class Outline
2	The Methods Of Science
3	LAB : Single-Blind Experiment
4	Standards Of Measurement / Safety In The Science Laboratory
5	Scientific Notation / Significant Digits Practice Problems
6	LAB : Accuracy & Precision In Measurements
7	Mythbusters : Helium Football
8	Composition Of Matter
9	LAB : Law Of Definite Composition
10	Properties Of Matter
11	LAB : Viscosity Of Fluids
12	LAB : Physical & Chemical Changes / (<i>HS-PS3-2 #1</i>)
13	Kinetic Theory
14	<u>Assign Project</u> - Reinvented State Of Matter Project
15	LAB : States Of Matter (pHet)
16	LAB : Phase Changes In A Baggie / Experiments With Dry Ice
17	Properties Of Fluids
18	LAB : Investigating Siphons
19	Behavior Of Gases
20	Gas Laws Practice Problems
21	LAB : The Gas Laws <u>or</u> Under Pressure (pHet) / (<i>HS-PS3-2 #2</i>)
22	Temperature & Thermal Energy
23	Temperature & Thermal Energy Practice Problems
24	LAB : Heating & Cooling <u>or</u> Specific Heat <u>or</u> Heat Of Fusion
25	Laws Of Thermodynamics
26	Laws Of Thermodynamics Practice Problems
27	LAB : Counting Calories <u>or</u> Change In Enthalpy For A Reaction
28	LAB : Hot Dog Heat Transfer / (<i>HS-PS3-4</i>)