

MR. WILLIAMSON

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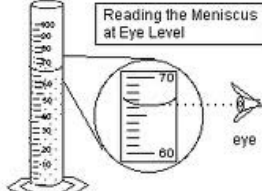


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[The ChemTeam](#) - links to review topics
[Periodic Videos](#) - a video warehouse on the elements
[Chemical Mahjong](#) review Game


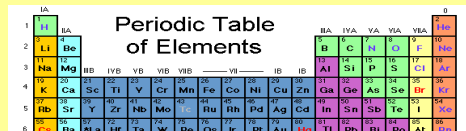
Day 1 Self Evaluation / Class Expectations

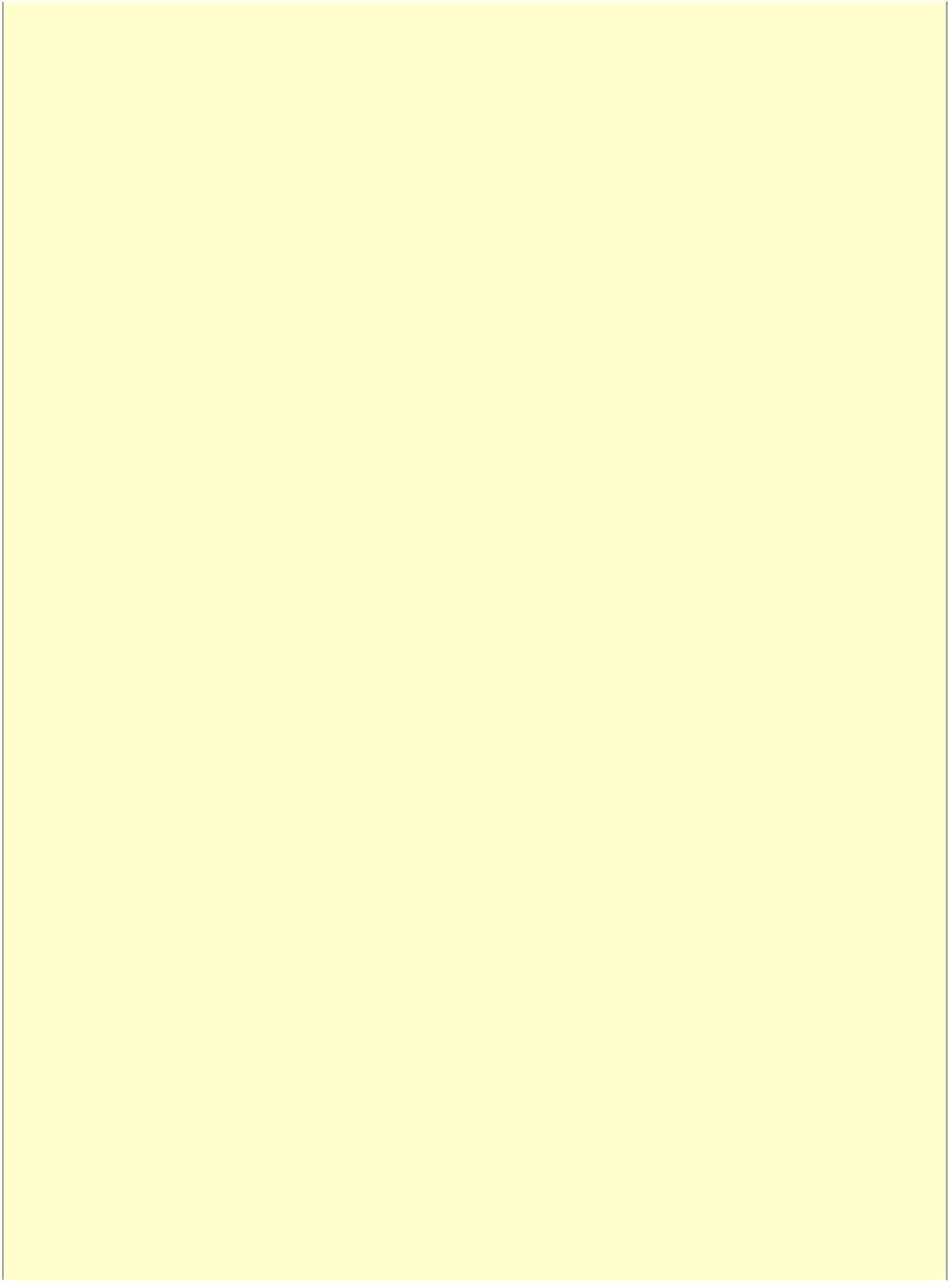
UNIT A: DEFINING MATTER

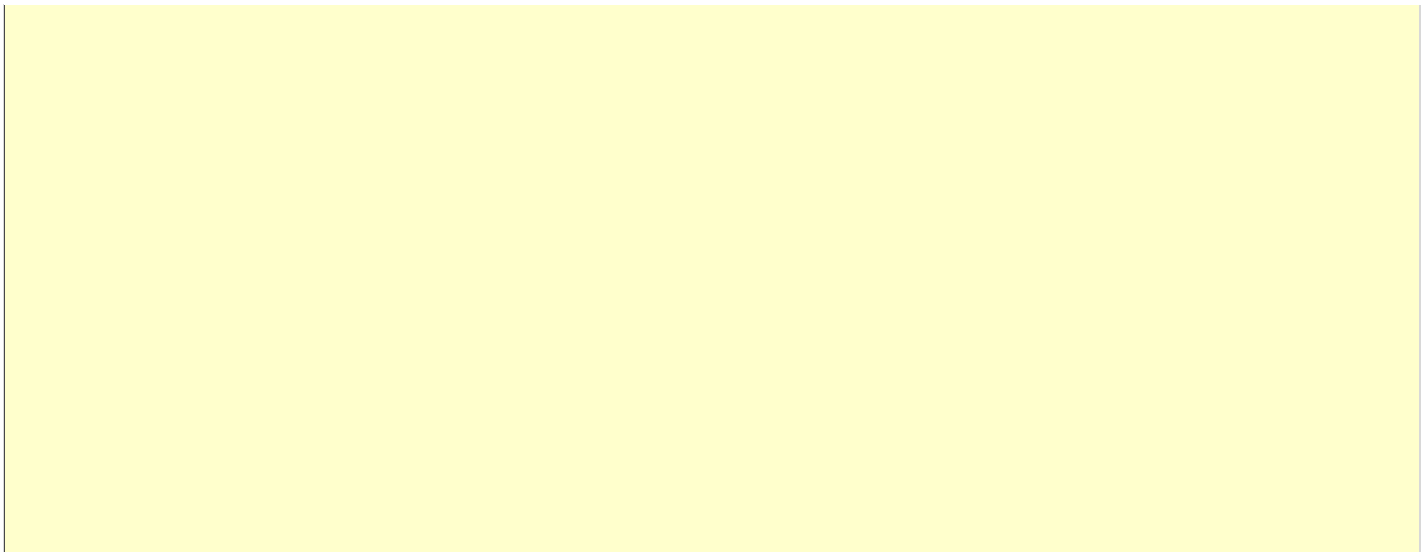
topics	online material and labs	class materials
<p>topic 1: Inquiry and Matter</p>  <p>Reading the Meniscus at Eye Level</p> <p>http://chemsvr2.fullerton.edu/HES/volume/volume.htm</p>	<p>Safety Fill-In the Blank Answers Metric Conversions</p> <p><u>Conversions REVIEW</u></p>	<p>Problem Set 1 Thinking Like a Chemist & Introduction to Matter Due Wednesday Sept 7 Problem Set 1a Answers Problem Set 1b Density Problem Set 1b Answers Density</p> <p>SPA Lab Cookie Lab Density Lab Data</p>
<p>topic 2: Phases of Matter</p>  <p>office clip art, 2007</p>	<p>PhET demo 1 PhET demo 2</p> <p>Gas Laws Labs and To Crush a Can alternate version of can and gas labs</p> <p>phases of matter work Liquids - Notes and Demos Gases - Graham's Law Notes Physical Properties of Solutions Notes Gas Law Labs rocket science lab</p>	<p>Review Sheet</p> <p>Separation Techniques Exploration</p> <p>Problem Set 2: Gases and Phases Chapters 13 and 14.1 (answers can't be posted from the textbook- see Mr. W.)</p>
<p>topic 3: Heat & Chemical Properties of Matter</p> 	<p>What does a reaction tell you? (notes)</p> <p>5 types of reactions <u>balancing</u></p>	<p>Specific Heat Capacity Lab</p>

unit 1 - Student-Teacher Feedback

UNIT B: ATOMIC STRUCTURE & THE PERIODIC TABLE

<p>topic 1: Atomic Structure</p>  <p>http://hammermagazinemaui.com/sw-atoms-and-elements-quiz-printable.htm</p>	<p>PRE-ASSESSMENT Atomic Histry Notes atomic history notes answer key</p> <p>Atomic Work Practice Sheet</p> <p><u>Tickling the Tail of the Dragon and Louis Slotin</u></p> <p><u>Human's Use of Radiation Persuasive Essay Links</u></p>	<p>Problem Set 1c Problem Set 2 Answers</p> <p>how does a nuclear power plant work?</p> <p>nuclear power persuasive essay page</p> <p>Problem Set 2b: Electrons Problem Set 2b Answers Electrons</p> <p>visit quia.com for review work - Search for "atomic theory quizzes"</p>
<p>topic 2: Electrons & The Periodic Table</p> 	<p>Class Notes - Electrons and Waves</p> <p>Orbital Imaging Webpages Bonding Orbitals bonds computer animation video youtube video IG Diagrams</p>	<p>Problem Set 3a: Period Table Problem Set Answer can't be published on-line ... get a copy from Mr. W Class Notes</p>





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