

Topic, Unit, Theme or Process Taught	Main LEARNING RESULT Links (Standard and PI)	Strategies/Skills/Concepts/Secure Goals By the end of this grade level or course, learners will be able to:	Resources (Complete bibliographic form for required texts or resources and lists of supplementary resources)	Assessments and Major Assignments (Tests, quizzes, projects, papers, homework, labs, etc.)
For all chapters: Holt <u>Chemistry</u> Holt, Rinehart & Winston Myers & Oldham, 2004 Orlando				
Chapter 2 Chapter 2 & 1 Chapter 1 Chapter 1 Chapter 5 Chapter 3 Chapter 5 & 6 Chapter 13 Chapter 2	D3	Structure of Matter Physical Properties of Matter (states) Density Mixtures & Solutions Ions & Ionic Compounds Protons, Neutrons, Electrons Chemical Formulas Solubility Temperature		
Chapter 4 Chapter 2 & 11 Chapter 8 Chapter 8 Chapter 9 Chapter 7		Periodic Table (grouping elements) Physical properties of matter Reactivities Balancing Equations Conservation of Matter Molar Masses		
Chapter 5 & 6 Chapter 2 Chapter 2 Chapter 2 & 11 Chapter 19 Chapter 2 & 10		Chemical Bonding Conservation of Energy Heat & Combustion Condensation (Changes of state) Hydro Carbons Enthalpy		
Chapter 12 Chapter 12 Chapter 12 Chapter 12 Chapter 12 Chapter 12 Chapter 10 Chapter 10 Chapter 15 Chapter 15		Gases Pressure Kinetic Energy Boyle's Law (P-V) Charles' Law (T-V) T-V-P Relations Thermal Properties of Matter Specific Heat Capacity pH Acids & Bases		

