

SAHS-Science-ChemistryV3-College Semesters A and B 2011

Teachers please choose the Unit(s) this student needs to master in PLATO in order to receive credit recovery. **Please Note: Material for recovery can only be assigned for terms (quarters/semesters) that a student has already failed, not for a grading period a student is currently participating in.**

Student Name: _____ Student ID: _____

Teacher Name _____ Grade Received: _____

Credit Recovery Needed:

Quarter 1: _____ Quarter 2: _____ Quarter 3: _____ Quarter 4: _____

SAHS-Science-ChemistryV3-CollegeSema

Unit 1: Matter and Atomic Structure

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 1 - Pre Test
- _____ Unit 1: Discussion - Matter and Atomic Structure
- _____ Types of Matter
- _____ Physical Changes Versus Chemical Changes
- _____ Models of the Atom
- _____ Isotopes and Atomic Mass
- _____ Unit Activity: Matter and Atomic Structure
- _____ Unit 1 - Post Test

Unit 2: The Periodic Table

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 2 - Pre Test
- _____ Unit 2: Discussion - The Periodic Table
- _____ The Periodic Table
- _____ Electron Configurations
- _____ Periodic Trends
- _____ Electromagnetic Radiation
- _____ Spectral Lines
- _____ Unit Activity: The Periodic Table
- _____ Unit 2 - Post Test

Unit 3: Bonding

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 3 - Pre Test
- _____ Unit 3: Discussion - Bonding
- _____ Ionic, Covalent, and Metallic Bonds
- _____ Compound Names
- _____ Lewis Structures
- _____ Electronegativity
- _____ Three-Dimensional Molecules
- _____ Molecular Polarity
- _____ Intermolecular Forces
- _____ Unit Activity: Bonding
- _____ Unit 3 - Post Test

Unit 4: The Mole Concept

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 4 - Pre Test
- _____ Unit 4: Discussion - The Mole Concept
- _____ Moles and Molar Mass
- _____ Mole Calculations
- _____ Percent Composition
- _____ Empirical and Molecular Formulas
- _____ Unit Activity: The Mole Concept
- _____ Unit 4 - Post Test

Unit 5: Chemical Reactions

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 5 - Pre Test
- _____ Unit 5: Discussion - Chemical Reactions
- _____ Balancing Chemical Equations
- _____ Types of Reactions
- _____ Predicting Chemical Products
- _____ Mole Ratios and Stoichiometry
- _____ Mass and Volume Stoichiometry
- _____ Percent Yield
- _____ Unit Activity: Chemical Reactions
- _____ Unit 5 - Post Test
- _____ End of Semester Test - Chemistry A

SAHS-Science-ChemistryV3-CollegeSemB

Unit 1: Energy

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 1 - Pre Test [View Test]
- _____ Thermochemical Calculations
- _____ Energy Diagrams for Reactions
- _____ Unit Activity: Energy
- _____ Unit 1 - Post Test

Unit 2: Kinetic Molecular Theory and Gas Laws

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 2 - Pre Test
- _____ Energy and Chemical Reactions
- _____ Endothermic and Exothermic Reactions
- _____ Kinetic Theory
- _____ States of Matter
- _____ Heating Curves and Phase Changes
- _____ Unit Activity: Kinetic Molecular Theory and Gas Laws
- _____ Unit 2 - Post Test

Unit 3: Nuclear Chemistry and Biochemistry

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 3 - Pre Test
- _____ Nuclear Forces
- _____ Radioactive Decay
- _____ Nuclear Fission and Fusion
- _____ Unit Activity: Nuclear Chemistry and Biochemistry
- _____ Unit 3 - Post Test

Unit 4: Reaction Rates

_____ Check here if student must complete all of this Unit/Chapter

- _____ Unit 4 - Pre Test
- _____ Reaction Rates
- _____ Activation Energy
- _____ Chemical Equilibrium
- _____ Equilibrium Constants
- _____ Le Chatelier's Principle
- _____ Rate Law for a Reaction
- _____ Unit Activity: Reaction Rates
- _____ Unit 4 - Post Test
- _____ End of Semester Test - Chemistry B

Standard Remediation

Office Use Only:

Counselor Name: _____ Referral Date: _____

Day: 1 2 Period: 1/2 3/4 5/6 7/8

Completion Date: _____ Teacher/Administrator: _____