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:**

**Teacher Name:**

Credit Recovery Needed:

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Student ID:**

**Grade Received:**

**Grade:**

**Teacher/Administrator:**

---

### 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
  - 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
  - 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

---

**SAHS-Science-ChemistryV3-College Semesters A**

*Office Use Only:*

**Counselor Name:**

**Referral Date:**

**Day:** 1 2 3 4 5 6 7 8

**Completion Date:**

**Teacher/Administrator:**