

**AP Chemistry: APSI - Jordan Rose (Summer 2023)**

<b>Day 1</b>	<b>Essential Topics</b>
AM1	<b>UNDERSTANDING THE COURSE</b> <b>Welcome and Introductions</b> Norms Review Agenda for the Day (Logistics - Lunch, Break, Restrooms) Review Agenda for the Week  <b>The Growth Mind-Set</b> Teaching Resources Equity, Access, and Promoting Diversity Making the AP Chemistry Laboratory Inclusive for All Learners  <b>Previewing the Science Practices - Teaching for Transfer</b>
AM2	<b>Understanding the Framework and Scope of the Course</b> Course Overview: Units, Big Ideas, Enduring Understandings, and Learning Objectives
PM1	<b>Integrating Content and Skills</b> Using Particulate Diagrams Electrochemistry Beer's Law Concepts and Instrumentation Guided Inquiry Lab Manual Investigations 1, 2 & 5 (Carolina Lab Kit - Spectrophotometric Analysis of Food Dyes)
PM2	<b>Understanding the Units and Big Ideas</b>  <b>Thinking Ahead Day 1 - Scaffolding the Practices</b>

<b>Day 2</b>	<b>Essential Topics</b>
AM1	<b>PLANNING YOUR COURSE</b> <b>Exploring the Unit Guides</b>  <b>Scaffolding and Spiraling the Practices</b>
AM2	<b>Planning Your Course - Standard vs Alternate Pathways</b>  <b>Planning &amp; Pacing Activity</b>
PM1	<b>TEACHING THE COURSE</b> <b>Reviewing the Instructional Approaches</b>
PM2	<b>Using the Topic Pages</b> Guided Inquiry Lab Investigation 12 and Hess's Law  <b>Thinking Ahead Day 2 - Instructional Strategies for Specific Topics</b>

<b>Day 3</b>	<b>Essential Topics</b>
AM1	<b>Science Practices 2, 3, &amp; 6 - Guided Inquiry, Graphs, and Kinetics</b>  <b>Experimental Design &amp; Inquiry</b> Guided Inquiry Lab Investigation 11 Hungry, Hungry Hippos Activity  <b>Lab-based FRQ</b>
AM2	<b>Science Practices 1, 3, &amp; 4 - Representations and Intermolecular Forces</b> PES Concepts and Simulations

PM	<b>Science Practices 5 &amp; 6 - Calculations, Argumentation, and Equilibrium</b> Guided Inquiry Lab Investigations 13 & 14 (Carolina Lab Kit - Redox Titration) Bingo Chip Q vs K Activity  <b>Thinking Ahead Day 3 - Connecting the Exam to the Curriculum</b>
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Day 4	Essential Topics
AM1	<b>ASSESSING STUDENT PROGRESS</b> <b>AP Exam Structure</b>  <b>The AP Chemistry Exam: Multiple Choice</b>
AM2	<b>Formative vs Summative Assessments</b>
PM	<b>BECOMING A MEMBER OF THE AP COMMUNITY</b> <b>AP Course Audit and Curricular Requirements</b> Course Audit Syllabi Construction  <b>Next Steps - Joining the AP Teacher Community and Finding Additional Resources</b>  Share Fair  AP Reading  Final Questions & Key Takeaways