

AP Chemistry: APSI - Jordan Rose (Summer 2021)

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

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

Day 3	Essential Topics
AM1	Science Practices 2, 3, & 6 - Guided Inquiry, Graphs, and Kinetics Experimental Design & Inquiry Guided Inquiry Lab Investigation 11 Lab-based FRQ
AM2	Science Practices 1, 3, & 4 - Representations and Intermolecular Forces PES Concepts and Simulations
PM	Science Practices 5 & 6 - Calculations, Argumentation, and Equilibrium Guided Inquiry Lab Investigations 13 & 14

	Thinking Ahead Day 3 - Connecting the Exam to the Curriculum
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Day 4	Essential Topics
AM1	ASSESSING STUDENT PROGRESS AP Exam Structure The AP Chemistry Exam: Multiple Choice
AM2	Formative vs Summative Assessments
PM	BECOMING A MEMBER OF THE AP COMMUNITY AP Course Audit and Curricular Requirements Course Audit Syllabi Construction Next Steps - Joining the AP Teacher Community and Finding Additional Resources Share Fair AP Reading Final Questions & Key Takeaways