

AP Chemistry: APSI - Jordan Rose (Summer 2020)

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 Fall Registration and AP Digital Activation 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 Kool-Aid Chromatography Guided Inquiry Lab Manual Investigation 5: Sticky Molecules
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 Food Dyes - Kool-Aid Chromatography continuation Percent Copper in Brass Lab (Guided Inquiry Lab Investigation 2 set up) - Instrumentation and Skills Thinking Ahead Day 2 - Instructional Strategies for Specific Topics

Day 3	Essential Topics
AM1	Science Practices 2, 3, & 6 - Guided Inquiry Labs, Graphs, and Kinetics Experimental Design & Inquiry Guided Inquiry Kinetics Lab and Discussion (Guided Inquiry Lab Manual Investigation 11) "Wack-a-Pack" Inquiry Activity Lab-based FRQ
AM2	Science Practices 1, 3, & 4 - Representations and Intermolecular Forces Using Particulate Diagrams Beer's Law Concepts and Instrumentation PES Concepts and Simulations

PM	Science Practices 5 & 6 - Calculations, Argumentation, and Equilibrium Iron Thiocyanate activity Progressive Precipitation Lab Le Chatelier's Rainbow 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 AP Reading Final Questions & Key Takeaways