

AP Chemistry

For new and experienced AP teachers

Learning outcomes

After attending this workshop, participants will be able to:

- Apply concrete strategies for designing and implementing an effective AP Chemistry curriculum
- Develop activities, assessments and laboratory investigations that engage students in acting and thinking like scientists, drawing from the Curriculum Framework
- Implement strategies to effectively prepare students for the AP exam
- Develop or revise a syllabus to align with course requirements

Workshop materials

Each participant will receive a copy of the Workshop Handbook and Resources, which contains:

- AP Chemistry Course and Exam Description
- AP Course Audit information
- Sample syllabus for AP Chemistry and a Syllabus Development Guide
- AP Chemistry Practice Exam
- AP Chemistry free-response materials (student samples, scoring guidelines and commentary)

Participants will also receive:

- Teacher's Lab Manual (electronic copy)

Curriculum Module: Implementing Guided Inquiry Activities in the AP Classroom

In the 2013–2014 academic year, AP Chemistry will begin placing emphasis on guided-inquiry teaching and learning. This curriculum module will introduce the concepts of guided inquiry, and provide models that show how to use guided inquiry in the classroom. Additionally, the publication demonstrates a step-by-step approach to creating instructional activities that include guided inquiry.

- **Lesson 1:** Representing Chemical Equations and Stoichiometry
- **Lesson 2:** Acid-Base Neutralization Reactions
- **Lesson 3:** Valence Shell Electron Pair Repulsion (VSEPR) Model

Note: Curriculum module materials reflect important topics in AP courses, and the materials are meant to provide teachers with resources and classroom ideas. However, curriculum module materials should **not** be taken as an indication that a particular topic will appear on the AP Exam.