

## INCORPORATING SCIENCE PRACTICES, CONTEXT, AND MULTIPLE MODES OF ASSESSMENT INTO THE HIGH SCHOOL CHEMISTRY CURRICULUM

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In the current culture of teaching standards in all subjects at the K-12 level and four year science requirements in many states, it has become more important for chemistry teachers to incorporate more science practice techniques, contextual information and multiple modes of assessment into their courses. In this presentation, using portions of the ACS textbook Chemistry in the Community (ChemCom) participants will complete activities on modeling and examine explicitly teaching science practice (inquiry). Presentation of chemistry content in a contextual context will also be described using both ChemCom and the textbook Chemistry in Context. Finally, participants will examine approaches to formative and summative assessment as tools for helping students improve their understanding of content, and for evaluating student performance.