



AP Chemistry One-Day Workshop

Monday, November 14, 2016

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Objectives

Participants in this workshop will have the opportunity to:

- share hints for improving student achievement
- discuss their success and strategies in AP Chemistry
- explore the AP Chemistry exam and the grading process
- learn how to incorporate inquiry labs and lessons into the AP Chemistry curriculum
- explore inquiry based activities to introduce challenging concepts and X-ray PhotoElectron Spectroscopy (PES)
- discuss and explore selected laboratory activities and share ideas for implementing these activities in the classroom (time permitting)
- receive suggestions on how to develop and/or revise/build an AP Chemistry course
- network and develop a support system with other workshop participants.

College Board Equity & Access Statement

The College Board strongly encourages educators to make equitable access a guiding principle for their AP programs by giving all willing and academically prepared students the opportunity to participate in AP. We encourage educators to:

- Eliminate barriers that restrict access to AP for students from ethnic, racial and socioeconomic groups that have been traditionally underserved.
- Make every effort to ensure their AP classes reflect the diversity of their student population.
- Provide all students with access to academically challenging course work **before** they enroll in AP classes.

Only through a commitment to equitable preparation and access can true equity and excellence be achieved.



Agenda

This schedule is a guide for what we hope to accomplish during our workshop. Some activities may have to be adjusted according to the pace or needs of the class, or due to unforeseen circumstances. Participants will be given as much advance notice as possible when changes occur. Your indulgence and flexibility are appreciated.

Monday, November 14, 2016	
8:00 am - 8:45 am	Welcome and Introductions Warm-Up Activity
8:45 am – 9:15 am	Diversity in the Classroom: Equity and Access & Discussion
9:15 am – 9:45 am	What is AP Chemistry? Part I
9:45 am – 10:00 am	Workshop Handbook Activity – Exploring the Big Ideas
10:00 am – 10:15 am	Coffee Break
10:15 am - 10:30 am	<ul style="list-style-type: none"> • What is AP Chemistry? Part II: The Course • AP Central and other resources
10:30 am - 11:15 am	The AP Chemistry Exam – results and an overview of the Reading (scoring) process
11:15 – 12:00 pm	The AP Chemistry Exam MC and & Free Response Questions <ul style="list-style-type: none"> • Teaching Students How to Answer FRQ's • Tips for Grading FRQ's • Scoring example FRQ's (<i>time permitting</i>)
12:00 pm -1:00 pm	Lunch
1:00 pm – 1:30 pm	Introduction to Inquiry <ul style="list-style-type: none"> • How did you learn Chemistry in high school? • What does inquiry mean to you? • What does inquiry look like to you? • How often do you use it in your classroom? Why don't you use it more often? • Levels and essential features of inquiry • Inquiry in the AP Chemistry classroom • Electron Domain Theory Example • PES Example
1:30 pm - 1:40 pm	Afternoon Break! We need it!
1:40 pm –3:00 pm	<ul style="list-style-type: none"> • POGIL – Moog & Farrell & Flinn • List Serve & Course Audit • Labs and other activities – how to make your favorite labs Inquiry based
3:00 pm – 3:30 pm	Wrap Up Unfinished Business from Earlier in the Day Review & Summary Evaluations