

---

# AP Chemistry

---



## Paul Groves



I graduated from Stanford University with a B.S. in Physical Science (a major designed specifically for future high school chemistry/physics teachers) and have received several prestigious local and national awards. I taught high school chemistry beginning in 1978 and Advanced Placement chemistry since 1983. My first AP Reader experience began in 1989 which led to becoming an AP consultant and giving numerous one-day AP Chemistry workshops since 1991. Since 1999, I have presented week-long AP Chemistry workshops at various sites around the country. I also taught online AP workshops (for UCLA Extension) well before COVID. I returned as an AP Reader in 2003 and have worked as a Table Leader and Question Leader from 2006 until 2020. I was the chairman of the American Chemical Society High School Advanced Chemistry Exam Committee for the 2004 and 2006 Advanced Exams, worked on the test development committee for the SAT chemistry exam, and currently still write questions for the National Chemistry Olympiad Exam.

I maintain a website at <http://www.chemmybear.com> that contains video tutorials, worksheets and other teaching resources used by students and teachers around the world. I really enjoy sharing my ideas about teaching advanced chemistry ideas in an accessible way using small labs, demonstrations, fun, thought-provoking activities, and analogies. Although I retired from the classroom in 2016, I still present summer workshops and have recently recorded several AP Daily videos for the College Board that appear on AP Classroom.

### AP Chemistry

- Explore each section of the course and exam description, including the unit guides, while making connections to the course curricular requirements
- Begin to develop a course plan by unit and topic that incorporates the full scope of your AP course into your school's academic calendar
- Examine formative and summative assessment items to identify content and skill pairings that are the targets of these assessments and create lesson plans to reinforce content and skill connections
- Practice applying the scoring guidelines from the most recent AP Exam to samples of student work
- Identify student strengths and weaknesses using data available through AP Classroom and Instructional Planning Reports
- Explore ready-to-use strategies, instructional materials, and pedagogical tools pertinent to the content and skills required for success in your AP course
- Develop meaningful connections within the AP community

---

See [apnewmexico.org](http://apnewmexico.org) for registration information.

