

# CFISD AP Chemistry Course Scope and Sequence (2026–2027)

## Course Description

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore the science content. The course is designed to enable students to view chemical phenomena through a variety of conceptual lenses and at various levels: macroscopic, microscopic, sub-microscopic, and symbolic. AP Chemistry is equivalent to a college-level general chemistry course.

## College Board Advanced Placement Standards: [AP Chemistry](#)

### First Semester (81 Days)

#### 1st Grading Period (Aug. 12 – Oct. 8, 2026)

| Unit   | Title                              | Date Range               | Days** |
|--------|------------------------------------|--------------------------|--------|
| Unit 1 | Atomic Structures and Properties   | Aug. 12 - Aug. 31, 2026  | 14     |
| Unit 2 | Compound Structures and Properties | Sept. 1 - Sept. 21, 2026 | 14     |

#### 2nd Grading Period (Oct. 19 – Dec. 18, 2026)

| Unit   | Title                                 | Date Range               | Days** |
|--------|---------------------------------------|--------------------------|--------|
| Unit 3 | Properties of Substances and Mixtures | Sept. 22 - Oct. 21, 2026 | 16     |
| Unit 4 | Chemical Reactions                    | Oct. 22 - Nov. 13, 2026  | 16     |
| Unit 5 | Thermochemistry                       | Nov. 16 - Dec 11, 2026   | 16     |
|        | Final Exams: Review & Administration  | Dec. 14 - Dec. 18, 2026  | 5      |

### Second Semester (92 Days)

#### 3rd Grading Period (Jan. 5 – Mar. 11, 2027)

| Unit   | Title       | Date Range              | Days** |
|--------|-------------|-------------------------|--------|
| Unit 6 | Kinetics    | Jan. 5 - Jan. 26, 2027  | 15     |
| Unit 7 | Equilibrium | Jan. 27 - Feb. 19, 2027 | 17     |

#### 4th Grading Period (Mar. 22 – May 27, 2027)

| Unit   | Title         | Date Range              | Days** |
|--------|---------------|-------------------------|--------|
| Unit 8 | Acids & Bases | Feb. 22 - Mar. 24, 2027 | 18     |

*Last updated: May 21, 2026*

|        |                                      |                          |    |
|--------|--------------------------------------|--------------------------|----|
| Unit 9 | Thermodynamics & Electrochemistry    | Mar. 25 - April 14, 2027 | 14 |
|        | AP Exams: Review & Administration    | April 15 - May 14, 2027  | 20 |
|        | Final Exams: Review & Administration | May 17 - May 27, 2027    | 9  |

\*\*The length of each unit is a specific number of days, but it is understood that there is a range of +/- a day. The purpose of the flexibility is meant to allow teachers the opportunity to plan for the needs of their students and to accommodate re-teaching or review when necessary. If pre-assessment indicates student mastery could be obtained in a fewer number of days, the additional time could be used for extension or carried into the next unit.

### **Instructional Material(s):**

Chemistry. 11th AP ed.

Zumdahl, Steven S., et al.

Cengage Learning, 2024.