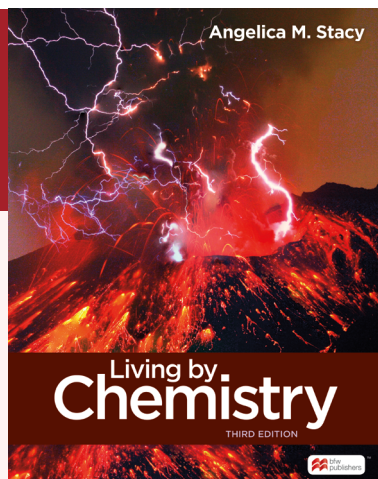


# ENERGIZE YOUR CHEMISTRY COURSE



## Living by Chemistry Third Edition Angelica M. Stacy

In *Living By Chemistry, Third Edition*, students learn chemistry the same way that chemists work: by asking questions, collecting evidence, and thinking like scientists. This on-level chemistry program provides an inquiry-based, activity-a-day approach, grounded in NGSS standards that allows students to develop scientific-thinking skills and apply them to chemistry in the real world.

### Powerful new focuses

#### NGSS PROBLEM-SOLVING

- **Updated question sets** ask students to use scientific thinking skills to analyze data and apply chemistry to real situations:
  - **NEW! Practicing Chemistry questions** at the end of every Lesson.
  - **NEW! Bringing it Together questions** at the end of every Chapter and Unit.

#### EARTH SCIENCE

- **MORE! Connection boxes** relate chemistry to Earth Science ideas.
- **Unit 3** is now **Atmosphere**, covering phase changes and weather.

#### ENVIRONMENTAL SCIENCE

- **NEW! Unit 6** is on **Sustainability**:
  - **Chapter 23** uses chemical concepts like equilibrium to explore environmental science topics like ocean acidification.
  - **Chapter 24** pinpoints chemical concepts that students learned to understand various sustainability challenges.

#### ENGINEERING

- Every unit has an **Engineering Project** broken down into helpful steps.

### Essential features that work

- **Guided Inquiry Approach** encourages students to ask questions and propose explanations based on evidence.
- **Six thematic units applying chemistry to everyday life** provide hands-on activities that support all learners, capture student interest, and improve concept retention.
- **Research-based *Living by Chemistry*** was developed as a National Science Foundation project and incorporates a decade of research and development in high school classrooms, focusing on student understanding of chemical principles.
- **Worked Examples, Example Problems, and Exercises** walk students through problem-solving strategies.
- **Math Spotlights** quickly review important math topics.

### Unmatched resources for adopters

**SAPLINGPLUS:** Interactive e-book and online homework with over 2500 questions

**ANNOTATED TEACHER'S EDITION:** Daily lesson plans following the 5E model, assessment answers, and teaching tips, including Differentiation and Pre-AP® course tips

**TEACHER RESOURCE MATERIALS:** Materials lists, worksheets, and lecture tools

**TEST BANK:** Over 2,000 questions, test builder and administrator using ExamView® software

Discover more and see a sample at  
[bfwpub.com/LBC3e](http://bfwpub.com/LBC3e)