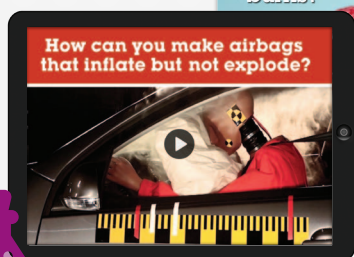
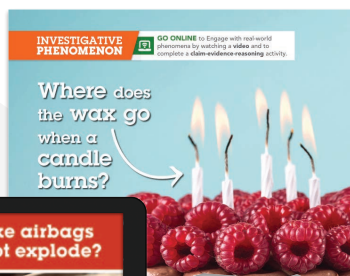


Experience Chemistry®



FLINN SCIENTIFIC

Built-in Flinn Labs

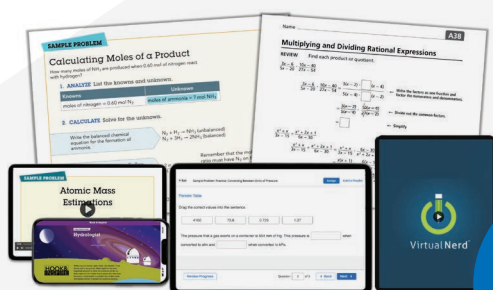
Thanks to our exclusive partnership with Flinn Scientific®, you get four versions of every lab: **open**, **guided**, **shortened**, and **advanced**, along with videos and projects. Choose the one that best fits your class and your schedule.

COMPLETE THE
EXPERIENCE
WITH ONE OF
OUR LAB KITS!



Chemistry That Connects

Every unit starts with a compelling, real-world phenomenon or engineering problem that makes students wonder why—and want to know more. This drives the learning and builds real science and engineering skills. Also, Teacher Demos bring phenomena to life so that all students can experience them firsthand.



ALSO
SUPPORTS
HONORS AND
INTEGRATED
CHEMISTRY

More Practice, More Growth

Students now have even more opportunities to build confidence with chemistry. Each Sample Problem includes three new auto-graded online problems, plus targeted resources for independent practice, homework, review, or extension. Additionally, open-ended resources and career connections help enrich learning for students who are ready to delve further.

Ask about our college and career readiness solutions, including Outlier dual-enrollment courses and Savvas CTE.

SAMPLE PROBLEM Support

This Experience has two Sample Problems: Writing a Skeleton Equation and Balancing a Chemical Equation. Use the following support as needed.

- Polyatomic Ions** The fact that Balancing a Chemical Equation involves a polyatomic ion may challenge some students. Make sure that students recognize that the subscript 3 in the products applies to everything inside the parentheses. You can also simplify the problem by pointing out that nitrogen and oxygen are not present anywhere else in the chemical equation except as part of the polyatomic ion. Therefore, students can think of NO_3 as a single unit for the purposes of balancing this equation. In other words, students can balance units of NO_3 in the reactants and products instead of balancing nitrogen and oxygen separately.
- Problem-Solving Strategies** Most students will choose to balance chemical equations using a guess-and-check method. In this method, students guess the coefficients of the reactants and products, add up the number of atoms of each element and adjust the coefficients if the equation is still not balanced. Other students may choose to write a system of linear equations to solve for the missing coefficients. Using this method, students write separate equations for each of the elements in the chemical equation.
- Simplify Coefficients** Remind students that there should be no common factors among the coefficients of a balanced chemical equation. For example, a balanced chemical equation that can be written as $2\text{A} + 2\text{B} \rightarrow 2\text{AB}$ can also be written as $\text{A} + \text{B} \rightarrow \text{AB}$.
- Equality** Write on the board a simple math equation without coefficients, such as $20 + 10 = 25 + 5$. Ask What does the equal sign tell you about the equation? (The sum of the numbers on one side of the equal sign are the

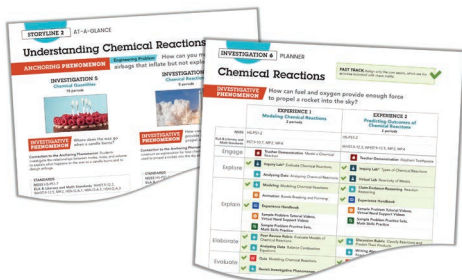
Math Help for Teachers

Every Sample Problem comes with teaching tips, highlights common misconceptions, and references math-focused resources in Savvas Realize®. These supports help you scaffold the math in a way students understand and teach with confidence.



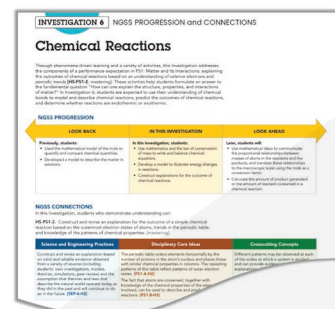
Planners That Work for You

Redesigned print planners now show Fast Track checkmarks that highlight essential activities and show how print and digital align. New editable planners include pacing help and multilingual learner strategies informed by English Language Success Forum (ELSF) guidance.



Tools That Save Time

Point-of-need NGSS Progression and Connections save you time and simplify lesson planning.



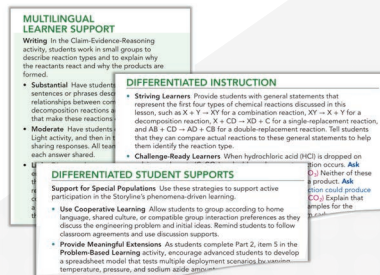
Built-in High-Quality Instruction

Experience Chemistry® meets the highest instructional standards and provides the practical tools and support teachers need to deliver effective, standards-based lessons every day.



Support for EVERY Learner

Every lesson includes strategies for differentiation, language development, and point-of-need accommodations—so you can support all your students without rewriting a thing.

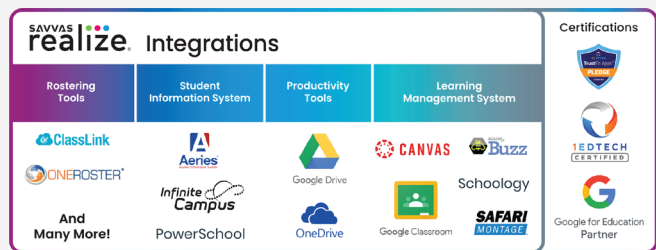


Award-Winning and Teacher-Trusted

Experience Chemistry has been recognized for innovation, student engagement, and high-quality design. It's a solution teachers trust—because it works.

"This program helps students do the things they didn't think they could—and they leave feeling proud and accomplished."

- Danielle, Chemistry Teacher at Eaton High School, TX



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800-848-9500

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