

JoVE Videos Increase Test Scores at UCLA

Findings from an independent study published in the *Journal of Chemistry Education*



“Using these videos in the course significantly improved student learning and reinforced conceptual understanding for important foundational concepts.”

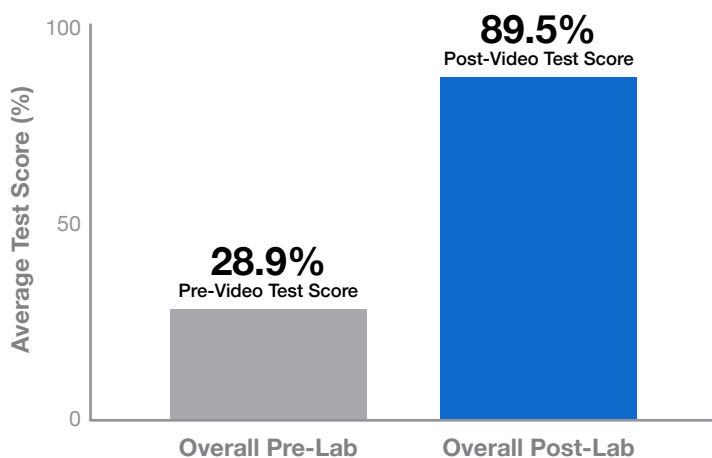
— *Journal of Chemical Education*



Independent validation

- UCLA educators published results in a *JCE* research paper*
- Study conducted on students viewing JoVE Science Education Chemistry videos

Impact of Education Videos Rate Laws Laboratory



130 General Chemistry Students
Winter Semester, 2018



Improved student outcomes

- 96% of students reported better concept comprehension
- Student engagement and learning outcomes improved by over 50%



Impact on student retention

- Increased engagement and comprehension prevents students from dropping courses/major
- Even students neutral about JoVE's value showed post-video test gains



Time savings for instructors

- Time saved on preparation and in class instruction
- Professors can focus on impactful activities
- Connects real-world concepts to classroom



“I liked that they used experiments to demonstrate the concepts taught. It gave me an **idea of how the topics could be used in real life.**”

— UCLA Student



“I always enjoy having a **visual demonstration of concepts** rather than just reading textbook information.”

— UCLA Student

Students performed significantly better on assessments after watching JoVE videos

Rate Laws test scores rose from 29% to 90%.