Studies show that after watching JoVE videos, 96% of students reported better concept comprehension, Science test scores increased by up to 100%, and 90% of students felt more confident in the lab.

24/7 Access for Faculty, Researchers, and Diverse Student Bodies

JoVE is available 24/7, worldwide. With subtitles in 10+ languages and downloadable text protocols, JoVE videos are perfect for diverse groups of students, including those who require a different pace of instruction than their peers and those with hearing impairments.

“I found it [JoVE] to be extremely useful for what I’m going to be needing to do [teaching remotely]... There’s something there for everyone, all types of learners... especially when delivery of content could change really rapidly.”
—Peter Ronai, Clinical Professor of Exercise Science at Sacred Heart University

Improved Student Learning Outcomes and Engagement

JoVE Education videos enable quick in-depth comprehension of complex science topics, saving in-class time for higher-impact teaching activities previously spent on concept explanation. The videos can improve student engagement and learning outcomes by over 50%, and facilitate success in flipped, in-person, hybrid, and virtual classrooms.

“The videos look very sleek and are scientifically accurate, I think their content is ideal for a quick recap revision ahead of exams.”
—Caroline Pellet-Many, Lecturer in Biomedical Sciences at the Royal Veterinary College

Streamlined Lesson Planning

JoVE videos can save faculty 30+ minutes of lesson planning and facilitate success in in-person, flipped, and virtual classrooms, such as online lab courses. In addition, free syllabus maps, personalized video playlists, and customizable tests are available to support instruction.

“Highly structured content. Easy to share/embed into online lectures and courses. Content is curated and peer-reviewed. Most videos come from scientists, not from educators. This is especially helpful for Master level students or grad students to see ‘real-world’ scenarios.”
—Dr. Sascha Offermann, Institute of Botany at the Leibniz University Hannover

Use JoVE to Support Learning at All Levels

JoVE Science Education

A revolutionary video library dedicated to teaching scientific and clinical fundamentals through easy-to-understand video demonstrations. With text translations and subtitles in over 10 languages, 500+ videos on topics commonly taught in science courses capture key conceptual and methodological details that are difficult to visualize using text alone.

- Advanced Biology
- Basic Biology
- Chemistry
- Clinical Skills
- Engineering
- Environmental Sciences
- Physics
- Psychology

JoVE Core

Video textbooks for introductory courses that can serve as effective primary or supplementary teaching resources. Key concepts are brought to life through high-impact animations and scientist-in-action videos of experiments conducted in laboratory settings.

- JoVE Core: Biology
- JoVE Core: Molecular Biology
- JoVE Core: Social Psychology
- JoVE Core: Chemistry
- JoVE Core: Organic Chemistry
- JoVE Core: Statistics
- JoVE Core: Physics
- JoVE Core: Cell Biology
- JoVE Core: Nursing
- JoVE Core: Anatomy & Physiology
- JoVE Core: Mechanical Engineering
- JoVE Core: Pharmacology

JoVE Book

JoVE Book is the multimedia super textbook for undergraduate courses. The scientific concepts and practices are conveyed through video demonstrations, and supplemented with in-depth text explanations and practice quizzes.

JoVE Book: Chemistry

“I found the practical experiments in particular great as they incorporate the theory and technical bits together to introduce the concept to the student in a simple, yet informative way.”

—Aref Zayed, Assistant Professor, Jordan University of Science and Technology

JoVE Lab Manual

Curriculum-focused video resources that support teaching and learning of commonly taught introductory labs. Three separate videos with step-by-step instructions for each lab experiment illustrate lab preparation for instructors, key theoretical concepts, and a protocol for students.

JoVE Lab Manual: Biology
JoVE Lab Manual: Chemistry