THOUSANDS OF VIDEOS across a multitude of disciplines

The JoVE library spans 17,000+ videos across a wide variety of STEM subjects — from biology and chemistry to environmental science, engineering, clinical science, psychology and more.

17,000+ videos
140,000+ hours of content
1,200+ new videos per year

Watch experts do REAL SCIENCE in real laboratories

JoVE videos present real science and live demonstrations of actual lab experiments, done by experts. This enables students to better understand how to apply concepts in the real world, acquire an in-depth understanding of complex science topics and learn how real lab equipment is used to perform key techniques. Unlike gamified or simulated lab experiments, exposure to real-world science better prepares science major and non-major students for hands-on lab work.

Solutions for scientists and students at ALL LEVELS

JoVE videos support scientific research and education at all levels, covering everything from the fundamentals to advanced methods and concepts in science, engineering and medicine. JoVE videos are used not only in the classroom but also for lab applications such as training and research.

"JoVE proved to be an excellent resource to showcase real scientists using real methods in a laboratory...It also offers a great way to introduce real-life applications of methods that would at times be too expensive or impractical in a teaching lab, which generally has very limited time available."

— Dr. Kristian Schlick
Instructor, Department of Chemistry & Biochemistry
Montana State University, USA
Additional benefits of using JoVE:

**Ease of Use**
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, and those with hearing or sight impairments.

*No particular technical specification is needed* to watch a JoVE video, navigation features are easy to use and unlimited playbacks are available on any device.

**Increased Student Engagement**
High-impact animations and easy-to-understand video demonstrations of experiments illustrate key concepts and lab techniques; improving learning outcomes and preparing students for independent research, internships, and jobs.

Educators can increase student engagement through several tools including quizzes, interactive video mode, featured playlists, and more.

**Effective Tool On-campus And Remotely**
JoVE videos can facilitate success in flipped, in-person, hybrid, and virtual classrooms such as online lab courses, helping campuses prepare for any instruction model.

JoVE content can also be seamlessly integrated with online learning platforms such as Zoom, Microsoft Teams, Google Classroom, as well as learning management systems.

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**TOPICS COVERED BY JoVE EDUCATION PRODUCTS**

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- Neuroscience | Developmental Biology | Genetics
- Cell Biology | Immunology | Microbiology

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**CHEMISTRY**
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- Bioengineering | Electrical Engineering | Mechanical Engineering | Chemical Engineering | Structural Engineering | Biomedical Engineering | Materials Engineering | Aeronautical Engineering

**ENVIRONMENTAL SCIENCES**
- Environmental Science | Environmental Microbiology | Earth Science

**PHYSICS**
- Physics I & Physics II

**PSYCHOLOGY**
- Behavioral Science | Experimental Psychology | Cognitive Psychology | Developmental Psychology | Neuropsychology | Sensation and Perception | Social Psychology

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