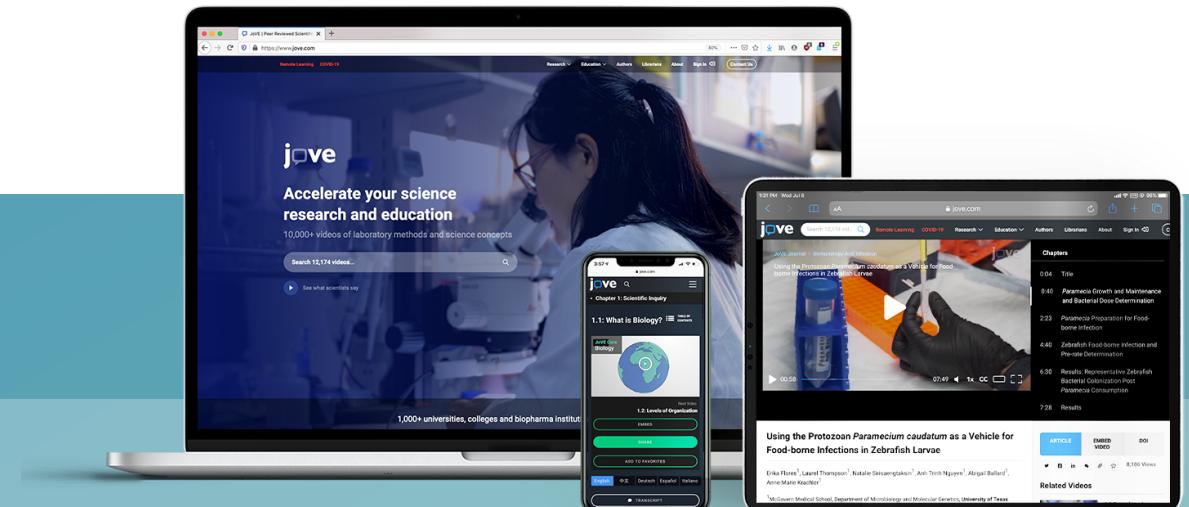


# JoVE STEM College-Ready Program

## What is JoVE?



JoVE is the world-leading producer and provider of science videos. Our library of over 12,000 videos across STEM disciplines includes both high-impact animations and videos of lab experiments; these are used by teachers at high schools around the country to better explain complex concepts and teach fundamental lab skills.

## JoVE Impact on STEM Instruction

### Teach science effectively in-person and remotely



- Access to JoVE is 24/7/365 with high-quality playback on any device
- JoVE videos are useful for all kinds of learning environments, from in-person to HyFlex to fully remote

### Enhance teaching



- Content correlated to [AP exams, state standards, and NGSS](#)
- Streamline lesson planning and save up to 20 minutes per class for higher-impact teaching activities
- JoVE Core: Biology videos mapped to [Campbell Biology](#) and [Openstax Biology](#) textbooks

### Improve student learning



- 89-96% of students felt more confident, better prepared and understood difficult core scientific concepts better with JoVE <sup>1</sup>
- Learning resource for diverse learning styles and modes

## Tips for implementing JoVE

- » Useful for pre-class prep and post-class review
- » Videos mapped to existing [curricula](#) and textbooks can help you get started
- » Teaching remotely with JoVE is easy: use with [Google Classroom and LMS platforms, Zoom and Microsoft Teams](#)
- » [Google SSO](#) makes access simple for your students

Questions? We are here to help! Reach out to us at [k12customersuccess@jove.com](mailto:k12customersuccess@jove.com).

*"Many science teachers spend a ridiculous amount of time searching for good quality visuals and videos that will help our students develop a deeper understanding of the beauty and wonder of the tiniest pieces of the world around them. Having a treasure trove of these collected in one place is fabulous!"*

**- Heather Moser,  
Science Department Chair,  
Beaver Local High School**

<sup>1</sup> Mutch-Jones, K., Sengupta, N., Minor, V. C., & Goudsouzian, L. K. (2020). Professional science education videos improve student performance in nonmajor and intermediate biology laboratory courses. Biochemistry and Molecular Biology Education. Advance online publication.



For more information and to hear from Science Teachers like you, visit [jove.com/highschool](http://jove.com/highschool)