JoVE Science Education is an innovative library of video collections that teach key concepts and fundamental techniques. These simple, easy-to-understand video demonstrations cover a wide range of subjects in science, medicine, and engineering.

Our library is divided into 8 subject-based series, each containing multiple collections.

- BASIC BIOLOGY
- ADVANCED BIOLOGY
- CLINICAL SKILLS
- CHEMISTRY
- PSYCHOLOGY
- ENVIRONMENTAL SCIENCES
- PHYSICS
- ENGINEERING

*See the full list of collections at JoVE.com/scienceeducationlibrary

**LIBRARY FACTS**

The library includes 8 Series, 38 Collections, and 570 videos.

Videos include animations of concepts, live-action demos of techniques and a detailed transcription.

Collections are produced in collaboration with scientists and faculty at top universities.
1 QUICK SEARCH
Search by keyword in the main search bar for direct access to our library of scientific videos.

1b ADVANCED SEARCH
Refine your keyword search and/or add author, institution, date, or sections filters by clicking on 'Advanced' in the search bar.

2 VIDEO JOURNAL ACCESS
See which Video Journal sections you have access to while in your institution's IP range, or when logged in to your account.

3 SCIENCE EDUCATION ACCESS
See which Science Education series you have access to while in your institution's IP range, or when logged in to your account.

4 ACCOUNT LOGIN
Log in to your account using your institutional email address and access additional features.

5 NAVIGATION BAR
Browse our site for additional information on JoVE - including guides on how best to use JoVE in your classroom.
The Science Education library is divided into 8 subject specific series, each of which includes collections focused on a specific discipline.

1. **ACCESS**
   See which Science Education series you have access to while in your institution’s IP range, or when logged in to your account.

2. **SERIES**
   Series are displayed on the left. Click through a series to see more information on its curation and the collections that it contains.

3. **COLLECTIONS**
   Click through a specific collection here to see the list of the 15 videos it is made of.
Each Series contains multiple collections of videos within a specific subject.

1. **SERIES**
   Series name and icon is displayed here.

2. **COLLECTION**
   Each collection is described here with a preview image, text overview and two video previews. Click through the collection you want to explore.

3. **SAMPLE VIDEOS**
   Each collection has two open access videos for users to get a sense of the content.

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**SCIENCE EDUCATION STRUCTURE: SERIES LEVEL**

1. SCIENCE EDUCATION
   [Image]

2. PSYCHOLOGY
   [Image]

3. BEHAVIORAL SCIENCE
   This collection presents the fundamentals of behavior neuroscience and focuses on the concepts of learning, memory, cognition, movement, addiction and behavioral disorders.

4. EXPERIMENTAL PSYCHOLOGY
   This collection provides a framework for observing how psychological experiments are embedded in the actual research process, starting from the initial research design to arriving at conclusions in a study.

5. COGNITIVE PSYCHOLOGY
   An introduction to learning and memory.

6. DEVELOPMENTAL PSYCHOLOGY
   From theory to design: The role of creativity in designing experiments.

7. ETHICS IN PSYCHOLOGY RESEARCH
   Benefits vs. Costs.
On this page, you can browse through the videos that make up a collection.

1. **COLLECTION INFORMATION**
   The green banner provides the name and description of the specific collection, and shows where the collection is positioned within the library.

2. **VIDEO THUMBNAIL**
   Get a glimpse of the video and check the length directly on the thumbnail.

3. **SOURCE**
   A list the scientists and institutions that collaborated with JoVE to develop the video.
1. **VIDEO TITLE**
Video title and breadcrumbs.

2. **JoVE IN THE CLASSROOM**
JoVE in the Classroom is a resource for JoVE Science Education users. This page is new and will be updated often with new resources.

3. **CREATE A JoVE TEST**
This feature allows you to create customized exams to ensure to gauge your students comprehension before or after viewing the video.

4. **ACCESS TYPE**
Check whether your access to a specific article is provided by your institution or if it is open access.

5. **VIDEO CHAPTERS**
Jump to a specific place in the video by clicking on the corresponding chapter.

6. **DOWNLOAD PDF**
Download the transcript of the video to your device.

7. **ADD TO FAVORITE**
Create a playlist of your favorite video articles. Access your playlist from your user account.

8. **EMBED**
In a few clicks, embed the videos in any learning management or ERP system.

9. **SHARE**
Easily post this article on social media: Twitter, Facebook, or LinkedIn.

10. **SUMMARY**
Description of the video content.

11. **CITE THIS VIDEO**
Copying a citation automatically adds it to a citations list available in your user account.
Below the Science Education videos you'll find a list of application videos or a full text procedure, depending on the subject matter and content found in the video.

**APPLICATIONS**
Selected applications videos show the method described in the Science Education video in real life.

**PROCEDURE**
Some Science Education videos have a full text protocol. These detail the step-by-step process used to reproduce the protocol shown in the video.
USER ACCOUNT & FEATURES

Users can create an account with their institutional emails in order to have access off campus. They will also have access to the following features:

1. USER ACCOUNT DASHBOARD

2. VIEW WATCH HISTORY
   Find a previously watched article easily with this watch history feature.

3. FAVORITE ARTICLES
   Access your favorite video articles playlist here. To add a video, simply click the 'add to favorite' button under the video player on the article page.

4. CITATIONS LISTING
   Access the list of all the video articles you have cited. To add an article, simply click the 'cite this' button at the top of the video player on an article page.

5. MY TESTS
   Faculty using Science Education in their classrooms or labs can manage their customized tests from here.

6. ACCOUNT INFO
   Manage your account settings, update your information, and change your password.

7. JoVE ACCESS
   Check what access you have to JoVE through your institution.

8. RECENT JOURNAL ARTICLES
   The latest published articles will be visible here. You can filter them by section.
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