



Virtual Platforms for Programs and Presentations

Interactive tools for assessment/evaluation, content-rich resources
and ideas for making learning more engaging

**Most fee-based programs included in this list have a free basic program or introductory offer.*

PROFESSIONAL LEARNING & ORGANIZATION

PROGRAM	DESCRIPTION
Common Sense Media	Collection of tips, tools and resources for educators during online learning
Edutopia	Collection of research on and resources for practitioner-based learning strategies. Includes practical classroom strategies and tips from real educators; Lesson ideas, personal stories and innovative approaches to teaching
Google Keep	Virtual post it notes for yourself and/or colleagues, that can be accessed from any mobile device
STEM Teaching Tools	Highly usable, open source tools for teaching STEM lessons as well as professional development modules and webinars

ASSESSMENT & EVALUATION

PROGRAM	DESCRIPTION
Edpuzzle	Embed questions into a video (teacher made or web based) to check student understanding
Formative	Platform to embed questions to your pre-made lesson or choose from their interactive lessons/quizzes
Gimkit	Teacher or students can create questions to create a game show for student review and evaluation
Kahoot!	Interactive platform to create learning games and quizzes for in-person or remote use
Mentimeter	Tools to make presentations more interactive using polls, quizzes, slides, images, etc.; Basic program is free
Play Posit	Interactive videos allow teachers to assess student understanding of topic
Poll Everywhere	Tools like polls and questions can be used to capture powerful feedback instantly during virtual meetings, classes, events, and more.
Quizalize	Premade questions aligned to standards in a variety of subject areas to test comprehension of topic

Quizlet	Platform to create interactive learning games and quizzes for in-person or remote use
Quizizz	Small group quizzes for review and testing; Best for in person situations
Socrative	Quickly assess student understanding with prepared activities or on-the-fly questions using quizzes and polls, then adjust your teaching based on the results.
Vizia	Platform to embed questions and quizzes into videos, making them more interactive

CREATIVE COLLABORATION & INFORMATION SHARING

PROGRAM	DESCRIPTION
Cyber Sandwich	Online collaboration platform for 2 students to share and compare their thoughts and opinions
Equity Maps	iPad app that allows teachers to track contributions and participation in classroom conversations
Flipgrid	Students interact by creating short videos to share ideas, information and more; Classes can have conversations with other classes through #GridPals in this tool
Hyperdocs Hyperdocs Templates	Digital collaboration embedded in a Google Doc: Use technology to teach by embedding opportunities for your students to Engage, Explore, Explain, Apply, Share, Reflect and Extend learning
Jamboard	Tools that allow students to brainstorm and share ideas digitally through Google cloud
Kialo	Logical discussion structure facilitates online discussions/debates; Encourages critical thinking, evaluation of a concept and collaboration; Free for educators
Microsoft Whiteboard	Free app allowing partners to work on documents simultaneously; Encourages collaboration on projects, papers, reports, and more
Padlet	Platform for collaboration and sharing of ideas; Post pictures, information, articles, etc. to share with others and save for later
Parlay	A library of ready-made discussion prompts connecting learning to the events and ideas shaping our world; Promotes higher order thinking and facilitates online discussions

INTERACTIVE TOOLS TEMPLATES

PROGRAM	DESCRIPTION
Eduprotocols	Free templates from the creator of Cyber Sandwich, that provide additional methods for students to share ideas and opinions
Flippity	Website with access to free graphs, charts, flash cards, crosswords, BINGO, scavenger hunt and more
Nearpod	Digital lesson library with interactive lessons – both teacher led and student driven grades K-12; Silver (basic) program is free

Pear Deck	Templates, interactive lessons and free news related interactive lessons
VIDEO CREATION	
PROGRAM	DESCRIPTION
Adobe Spark	Create templates, graphics, web pages, animations and videos to help lessons and projects come to life; Free educator version
Adobe Premiere Rush	App/program for creating and editing videos; Edit with simple tools for audio, motion graphics, and more; First 3 video downloads are free
Screencastify	Ability to record, edit and share videos; Incorporate full and/or bite-sized lessons, assignment solutions and explanations
Screencast-O-Matic	Record, edit and share videos to connect with students, parents and faculty. Free trial package.
Wevideo	Everything you need to make great videos; Inspire creative expression and student engagement in every subject, grade level and learning environment.
GREEN SCREEN TECHNOLOGY	
PROGRAM	DESCRIPTION
CHROMAVID	Green screen app that allows you to shoot videos and photos using chroma key effects in real time
Green Screen by Do Ink	Tell a story, explain an idea and express yourself in creative ways using green screen technology using this Green Screen app
MATH & SCIENCE SIMULATIONS	
PROGRAM	DESCRIPTION
Concord Consortium	Free science simulations and related lessons, based on scientific first principles, make the world's invisible phenomena visible and explorable.
Gizmos	Math and science simulations to incorporate into lessons to enhance comprehension for grades 3-12; Basic program is free
PhET	Interactive science and math simulations and lessons, tips and tricks for using simulations in your lessons
EXAMPLE LESSONS, RESEARCH & RESOURCES	
PROGRAM	DESCRIPTION
GLOBE	GLOBE program provides the opportunity to participate in data collection, the scientific process and contribute meaningfully to our understanding of the Earth system and global environment.
iNaturalist	An app to identify plants and animals; Take a picture and share it for identification and information
IXL	Individual learning program with lessons to assign to students and track their progress for multiple grade levels and subject areas

Khan Academy	Science and math lessons that students can access and learn from at their own pace.
Dave Shellhaas' Activities	One interactive physical science activity for each grade level K-5, correlated to the current standards that can be downloaded through Google Docs
Discourse Activities in Virtual Format	10 Talk activities, ideas and strategies to encourage interaction and conversation among your students in the virtual classroom
Minecraft: Education	Project-based, interactive lessons promoting skills like: collaboration, creative problem solving and digital citizenship; Basic is free
ODE At Home Resources	Science lessons from Ohio Department of Education to do at home – an inside and outside activity for each elementary science standard
Smithsonian Science Education Center	Free science lessons and videos related to a variety of topics and grade levels, including COVID topics
SWIFTlets	Franklin Soil and Water Conservation District's Lessons on Environmental Topics provides background information, at-home activity and literacy correlations on different topics; Coloring pages also available for each topic

CITIZEN SCIENCE RESOURCES, ACTIVITIES & LESSONS

PROGRAM	DESCRIPTION
Citizen Science. Gov	Official government website to accelerate the use of citizen science projects; Provides listings of citizen science and crowdsourcing projects by agency.
Cornell University	A variety of citizen science projects; Scientists use this data to reveal how birds are affected by habitat loss, pollution, disease, climate, and other environmental changes
EPA	A resource of links to citizen science projects by US EPA and local agencies
Invitations to Inquiry	Citizen science lessons that use Fieldscope for investigations
Journey North	Citizen science that tracks and maps the travels of a variety of animals from butterflies to birds and more
National Geographic	Ideas and links to a variety of environmental projects for grades 3-12, focused on Biology, Ecology and Earth Science projects
Scientific American	Listing of a variety of citizen science projects; Students help make science happen by volunteering for a real research project
NASA Science Projects	Listing of NASA's citizen science projects which establish collaborations between scientists and interested members of the public
SciStarter	Find the perfect citizen science project for you or your class through their project finder tab and link
Zooniverse	Zooniverse enables everyone to take part in real, cutting-edge citizen science research in many fields across the sciences, humanities, and more