



## Educator Tip Sheet – STEAM Resources for Distance Learning

If current events are forcing your academic institution to quickly adapt all your faculty and students to online learning, here is a list of free tools that may help with remote learning. You've likely selected online tools such as [Zoom](#), [Google Hangouts](#) or [Microsoft Teams](#) for an online platform, but here are some **FREE resources** to help with creating content and accessing unique online learning resources, particularly around STEAM. Click on the logos below to access their websites.

Category	Solution	Description	Category	Solution	Description
Story-Telling Videos		Learners pause and flip their camera while recording. Great <a href="#">how-to tutorial</a>	K-8 Math		Mind Research Institute is making its award-winning math platform for free for COVID-19 related closures
Create Explainer Videos		Record your movements, annotations, and voice, make edits using the timeline	K-8 Math		2,000+ hands-on math activities, free for parents for 90 days so children can keep learning
Classroom Collaboration		Lesson delivery software, ability to send quizzes and activities to students	ELA/Math Curriculum		Free standards-aligned resources for ELA and Math Grades PreK-12
Assessments		Create quizzes and provide immediate feedback to students. Free option available	Virtual Chemistry Labs		Online chemistry labs led by Carnegie Mellon University
Quizzes & Flashcards		Create flashcards and virtual class games	STEM Simulations		The University of Colorado Boulder offers 150+ interactive math and science simulations
K-8 3D Design Software		Offers their award-winning "learning at home" 3D design course free of charge	Free Graphing Calculator App		Full graphing calculator emulator
K-8 Virtual Content		BrainPOP is offering free access to its full suite of content to any school closed	Virtual Field Trips		Watch on-demand field trips with companion guides for teachers
Virtual Coding		Create stories and games using simple coding tools from MIT	K-12 Virtual Content		Although closing in July 2020, Curriculum Pathways offers a wealth of free online content
K-8 content, learning games		Schools closed can provide free home access to their K-8 content	Virtual Museum Tours		12 Famous museums offer free tours for virtual field trips