

Web Resources List

3-D printing pens by MYNT3D (www.mynt3d.com): Young makers can use 3-D pens as a tool to give their ideas dimension. The site provides visual examples to inspire students as well as tutorials for educational use.

Book Creator (<https://bookcreator.com>): Students' creativity can be unleashed when they have the ability to take their own stories and publish them using technology. Book Creator can be used on iOS or Chrome.

Buncee (<https://app.edu.buncee.com>): Teachers can use this multimedia presentation tool to create lessons, and students can use it to create engaging presentations.

Canva (www.canva.com): Canva allows you to create beautiful designs in a simple drag-and-drop format that is easy for students and great for teachers, too. The free version of this tool provides hundreds of images and templates to get you started.

CoSpaces Edu (<https://cospaces.io>): This digital tool allows learners to build just about anything and then explore it in virtual or augmented reality.

Do Ink (www.doink.com): This app is used with green screen technology so students can create videos or animations for any subject area.

FlipGrid (www.flipgrid.com): Add student voice to any classroom by incorporating FlipGrid videos. This tool is simple to use, providing endless opportunities for students to collaborate and share their thinking.

Foldify (www.foldifyapp.com): With this app, learners can create 3-D images using iPads or iPhones. Print them out and fold the pieces together for engineering fun.

Gamestar Mechanic (www.gamestarmechanic.com): Learning how to build video is a dream for many students. This website provides quests and learning modules for advanced learners.

HP Reveal (www.hpreveal.com): HP Reveal (formerly Aurasma) is an augmented reality platform that can bring any trigger image to life by combining videos and images.

Kodable (www.kodable.com): This site introduces learners to coding and building computational thinking, programming, and communication skills.

LEGO Creator (www.lego.com/en-us/themes/creator/games): Combining physical building and virtual design, learners can use LEGOs to build in real time and then add digital components in their online world.

LightBot (<https://lightbot.com>): This is a coding tool (web- and app-based) that is great for elementary students. Students will gain a foundation in coding that can help with more complex programming within other tools.

littleBits (<https://littlebits.com>): These electronic building blocks can be used to create new inventions adding power, light, and sound in creative ways.

Osmo (www.playosmo.com): This add-on to the iPad makes learning interactive with experiences to enhance English language arts, mathematics, and coding. Paired with hands-on manipulatives, Osmo supports skill building and fun for learners.

Ozobot (<https://ozobot.com>): These minirobots are programmed simply by using colored markers or stickers. Students can experiment with basic coding while directing the robot on a particular path.

PBS LearningMedia (<https://indiana.pbslearningmedia.org/tools/storyboard>): This site provides valuable content in a number of subject areas, including engineering, technology, and English language arts. Resources include lesson plans, videos, and curriculum tools to promote critical thinking and creativity.

Piper Computer Kit (www.playpiper.com/products/piper-computer-kit): This unique kit provides everything young innovators would need to build their own computer. Promoted for learners eight years old and older, Piper gives students the chance to apply their knowledge of science, technology, engineering, and mathematics and create something amazing.

Pixton (www.pixton.com): This free tool allows anyone to create comics in an interactive and colorful way. Students can use this on any device: Chromebooks, PCs, Macs, iPads, or Android tablets.

Plot (<https://theplot.io>): Students interested in video creation can use this tool to create storyboards or visual outlines for any type of multimedia project.

Prezi (<http://prezi.com>): Known as the zooming presentation tool, Prezi is an alternative to the traditional multimedia presentation.

ReadWriteThink (www.readwritethink.org): Sponsored by the International Literacy Association and the National Council of Teachers of English, this is a go-to site for all things literacy.

SAM Labs (<https://samlabs.com>): This hands-on tool builds knowledge in coding, pairing the technology with the physical building of parts. The site provides lessons and tutorials for students (and educators) getting started with programming and technology.

Scratch (<https://scratch.mit.edu>): This free tool is available through the Massachusetts Institute of Technology. Scratch allows learners to program their own interactive stories, games, and animations and share them with others in an online community.

Sphero (www.sphero.com): Sphero is more than just a fun robotics toy. It provides a foundation in coding for learners and is branching out into other curricular areas including music creation.

Squishy Circuits (<https://squishycircuits.com>): Create conductive play-dough with your students and then explore the concept of circuitry in a hands-on way. Students will love to mess with Squishy Circuits, not even realizing they are learning while they are playing.

Storybird (<https://storybird.com>): Using Storybird, students can bring their writing to life by creating colorful images to accompany their text. Whether students are writing poetry, a chapter book, or a picture book, this site will develop the creative side of every writer.

Storyboard That (www.storyboardthat.com): This free tool provides a template for digital storytelling. Not created exclusively for young learners, this tool can be used by students, educators, and professionals.

Storyboarder (<https://wonderunit.com/storyboarder>): Storyboarder can help to visualize a story and map out ideas in advance. Anyone with a great idea can use this tool to bring the idea to life.

TouchCast (www.touchcast.com): Broadcast live videos from your iPad using TouchCast Studio to add backgrounds with green screen technology.

Vyond (www.vyond.com): Known as the media that moves, this tool allows learners to create videos and add props and sounds by using a variety of ready-to-use templates or by creating their own.