**Spark 101 partners with ASCD to launch**

**“STEM by Choice” Program (Webinar info within)**

**Please see all details and links** [**HERE.**](http://www.ascd.org/research-a-topic/stem-by-choice-resources.aspx)

**ASCD STEM by Choice Program**

[Universal Guide](http://www.ascd.org/research-a-topic/stem-by-choice-resources.aspx#guide) | [Webinar](http://www.ascd.org/research-a-topic/stem-by-choice-resources.aspx#webinars) | [More Resources](http://www.ascd.org/research-a-topic/stem-by-choice-resources.aspx#more)

According to a [recent report](https://static1.squarespace.com/static/56fdbc318259b51db19b8496/t/59bfe9c090badeccf7cd936b/1505749471602/114thWhitePaperMotivationMatters2017.pdf) published by the [114th Partnership](http://www.114th.org/about/),

* Some 20 million students will graduate by 2020.
* Most will never have tackled a real-world problem.
* Although 77 percent of high school students report wanting to simulate real-world scenarios, only 12 percent report having the opportunity to do so.
* The total number of publicly offered internships is declining steadily, down 10 percent from 2014.

All students need options for learning about viable careers and critical skills, and STEM educators need high-quality resources in order to help students navigate their professional pathway, as schools (secondary and postsecondary) are increasingly tasked to help students explore potential careers and to integrate more job-related experiences into their courses.

**ASCD's STEM by Choice Program** includes an instructional guide developed in collaboration with STEM practitioners and videos from Spark101 which provides educators with a framework for engaging students in authentic problem solving as part of a learning progression. To learn how to use the guide and videos, ASCD also offers a training module webinar presented by the guide's authors.

## **ASCD****STEM by Choice Universal Guide**

The [ASCD STEM by Choice Universal Guide](http://www.ascd.org/ASCD/pdf/siteASCD/publications/ascd-stem-by-choice-universal-guide.pdf) aims to support STEM integration in classrooms using [Spark 101](http://www.spark101.org/) STEM Skills Videos. Spark 101, a program of the 114th Partnership, engages students in authentic problem solving and features real "on-the-job" professional challenges in a format that allows students to apply their own creativity and skills. Students learn how real challenges are addressed in business, government, nonprofits, and academic institutions. The videos meet national and state education standards and use a format proven to be effective in schools.

[Download now](http://www.ascd.org/ASCD/pdf/siteASCD/publications/ascd-stem-by-choice-universal-guide.pdf)

#### How to Use This Guide

* Spark101 videos are designed to be a part of a larger learning experience of encountering a real-world problem and a solution developed by various STEM professionals. The videos are not intended to be complete lessons, but rather a part of a learning progression.
* The framework supports lesson design as a tool for engaging students.
* The videos are intended to provide a framework for student engagement in which students solve a real-world problem or challenge. As a supplement to a lesson plan, each video is intended to provide a context through which students can problem solve and work in small groups.
* Watch the [Spark101 Teacher Implementation video](https://bcove.video/2O1wlVq) and follow along with the STEM by Choice Universal Guide: Sample (pages 3–4).

## **ASCD****STEM by Choice Webinar**

#### Tuesday, July 24, 2018, at 3:00 p.m. eastern daylight time

In this informative webinar on July 24, 2018, ASCD's STEM by Choice master teachers Douglas Hodum and Tammie Schrader will share how educators can use the ASCD STEM by Choice Universal Guide in their grades 6–12 STEM classrooms and schools.

Before you watch the webinar, we encourage you to download the [ASCD STEM by Choice Universal Guide](http://www.ascd.org/ASCD/pdf/siteASCD/publications/ascd-stem-by-choice-universal-guide.pdf)to follow along and participate in this hands-on experience. This webinar serves as a training module for the guide.

[Register now](https://event.on24.com/wcc/r/1785813/E0C138DB236DCDA4084F89BC89123E67?partnerref=ASCDweb)