



Build a maker-centered learning community!

Set up a makerspace at your school!



See how your students benefit from making and creating artifacts of learning using technology and 21st century tools



Empower your learners with the tools and techniques necessary for success in STEM



Create an intentional learning community where students become contributors in knowledge building through innovation



See IDRA's transformative approach to teaching and learning that enables students and teachers to learn and create with advanced technologies that gives students the agency to be makers, inventors and creators

Turn your campus into innovative learning community through student-centered making and creating

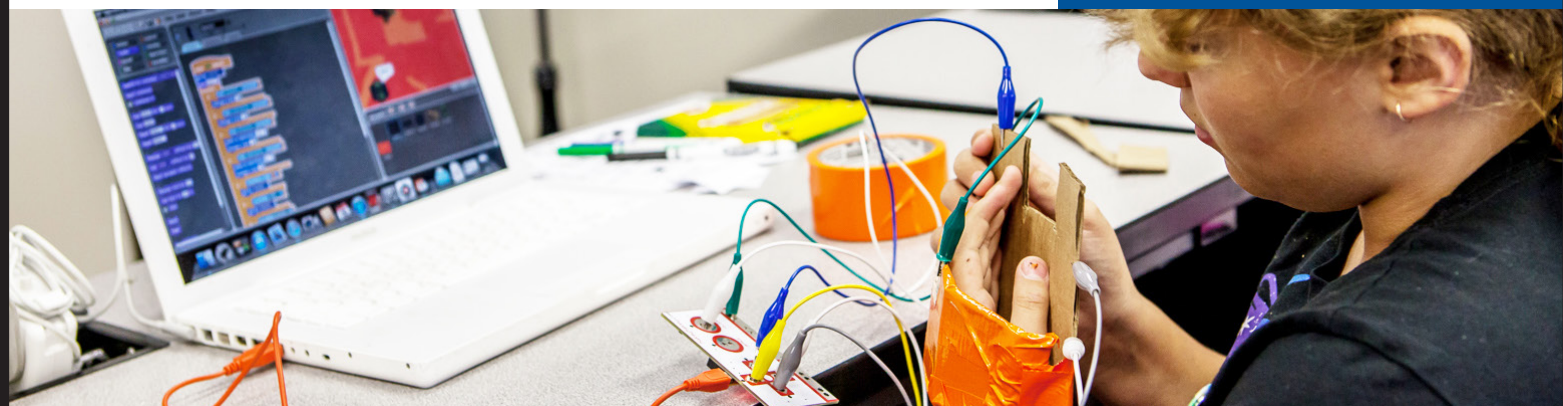
In the last few years, makerspaces have been popping up in community centers, schools and public libraries all over the world with the goal of providing the space and tools for people to be creative while learning new skills. Schools are taking advantage of makerspaces to **increase efficacy in the STEM disciplines** for more students.

When students can create and make artifacts of learning, it provides **context to learning** and gives them opportunities to **grow noncognitive and academic abilities**.

“Making” is a skill that should be afforded to **all students**, not just those in engineering courses. And having a campus makerspace is a great way to get started. Many schools have mobile makerspaces on carts, others set up in the library or have a dedicated classroom space.

Makerspaces can be used to enhance all areas of study **from art to zoology!**

What is a Makerspace?



Intercultural Development Research Association

María “Cuca” Robledo Montecel, Ph.D., President & CEO

5815 Callaghan Road, Suite 101 • San Antonio, Texas 78228 • 210.444.1710 • www.idra.org

How do you get started with a makerspace?

The tools and technologies needed to start a school makerspace vary from size and budget and depend on the learning objectives defined by educators and administrators.

Along with new tools and technologies, professional development ensures that all staff are confident with the pedagogy, tools and equipment.

To learn more, you may want to visit a school makerspace and see how students and educators are learning and creating in an innovative space.

TedX-SA Video
<http://budurl.com/TEDxSAmb16vid>



TEDx Speaker on Maker Education



Classnotes Podcast #162
<http://budurl.com/IDRApod162>



IDRA professional development opportunities:

- Starting a School Makerspace
- 3D Printing in Education
- Kick-start Your Computer Science Program
- Design Thinking in Education with the Engineering Design Process
- LEGO EV3 Robotics training or FIRST Robotics Training
- Video Game Design and Digital Storytelling with Scratch
- Computing with the \$35 Raspberry Pi

Get ready for the school year with professional development from IDRA

Starting a makerspace can be a daunting task, but with the right guidance anything is possible!

Let IDRA makerspace expert, Mark Barnett, guide you through the process from ideation to implementation. Mark has started several makerspaces and is a national speaker on the subject.

Be sure to check out his TEDx San Antonio Talk entitled "Everyone is a Maker, but not Everyone has Access."



Start creating your makerspace!

With an unwavering commitment to student success, IDRA services provide innovative, practical and sustainable solutions for diverse student populations based on the unique needs of each district, campus or classroom.

Request a demonstration today!

Contact mark.barnett@idra.org or 210-444-1710

IDRA is a 501c3 non-profit organization.

Follow mark on Twitter at @Maker_Mark



facebook.com/IDRAed



[@IDRAedu](https://twitter.com/IDRAedu)



budurl.com/IDRALinkedIn



flickr.com/photos/idraedu



slideshare.net/IDRAedu



pinterest.com/idraedu/



budurl.com/IDRAYoutube



budurl.com/IDRAsubscribe