

NEWS & VIEWS

Tips. Research. Best Practices. Community.



STEM, or Science, Technology, Engineering, and Math, has recently been a hot topic in education. It is a great way to incorporate life skills, creativity, and problem solving into the classroom. In our August Webinar Wednesday, Chris Woods shared examples of how you can incorporate simple STEM activities into every classroom, for every student, every day!



Chris Woods was our August Webinar Wednesday guest speaker! Chris is a high school math teacher, education presenter and host of the STEM Everyday podcast. He created "DailySTEM" to provide educators and families with simple STEM resources that connect the real world to learning. His goal is to show kids that STEM is all around us. In addition to his podcast, Chris provides endless resources to educators, including books and weekly "newspapers".

[WATCH THE WEBINAR](#)

MISCONCEPTIONS ABOUT STEM

There are a lot of misconceptions about STEM and how it can play a role in your classroom. Here are some of them:

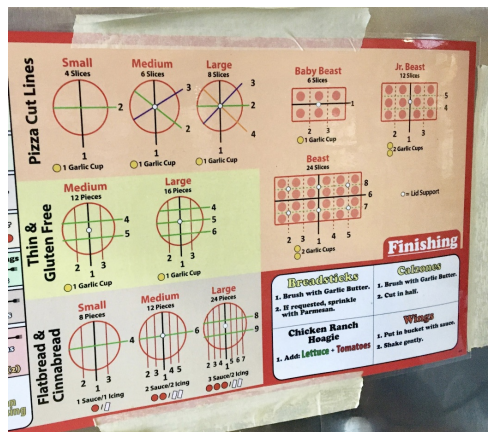
Misconception #1: STEM is only rockets, 3D printing, and robots.

While these things ARE included in STEM, that's not all there is! STEM is all around us - in shapes, buildings, inventions, plants, materials, and more.

Misconception #2: I'm not a STEM teacher.


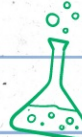

Every teacher can incorporate STEM into their classroom, no matter what subject they teach.

Misconception #3: STEM is too difficult. While there are advanced topics included in STEM, that doesn't mean there aren't simple applications that anyone can learn!



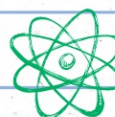


A pizza place illustrates all the different ways you can have your pizza cut. This is a great way to learn about geometry, surface area, division, and more!

Here is the bottom line: the best way to teach STEM is to create a culture of STEM. Focus on **WHY** you are teaching STEM and the **HOW** will follow.

LEARN MORE ABOUT OUR STEM FOR SPED PACKAGE!

GET STARTED

MAKING CONNECTIONS TO STEM

STEM is something that can be incorporated into any subject you are teaching! It is likely already in the curriculum, but you can add nuance to teach it through a STEM lens. Here are some ideas of ways to amplify STEM:

Find what students are interested in.

Connect sports, music, art, or other interests to things you are doing in the classroom!

Copy, change, and create!

When you're just getting started, see what activities other educators are doing. Feel free to use them and adapt them to your classroom!

Teaching STEM is a great way to include **critical thinking, communication, collaboration, and creativity** into your curriculum! Think about ways that you can get students engaged. After all, STEM is hands-on and minds-on!

STEM is going from...

Activities & Crafts



Curriculum-Based Projects



Authentic Challenges

HAVE A CLOSER LOOK AT OUR EVIDENCE-BASED SOLUTIONS!

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MAGNIFYING STEM

Like anything else we teach in the classroom, STEM has real-world implications. Use this as an opportunity to connect learning with broader concepts like citizenship and life skills! Here are some ways to expand STEM beyond the walls of your classroom:

Encourage STEM at home.

A lot of at-home activities like cooking, fixing, growing, and caring for pets can all be traced back to STEM. At home, STEM can look like Stories, Trips, Exploring, & Making. With a touch of creativity and some support from the classroom, students can take home curiosity and extend their learning all day long.

Partner with the community.

STEM has potential to teach compassion. Find a problem in the community and use STEM to help solve it! This teaches students to participate in their communities and work toward positive change.



Baking is an easy (and tasty) way to encourage students to take STEM home to their families!

CHECK OUT OUR AWARD-WINNING STEM SOLUTIONS!

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