

What is STEM?

The acronym STEM stands for **S**cience, **T**echnology, **E**ngineering, and **M**athematics. The Worthington Schools STEM program is designed to meet the changing needs of our students and our society. This approach to education is designed to revolutionize the teaching of subject areas such as mathematics and science by incorporating technology and engineering into regular curriculum, thus creating a "meta-discipline."

Support from:



There is more; STEM Education attempts to transform the typical teacher-centered classroom by encouraging a curriculum that is driven by problem-solving, discovery, exploratory learning, and requiring students to actively engage a situation in order to find its solution.

<http://www.worthington.k12.oh.us>



WORTHINGTON SCHOOLS



Science Technology Engineering Mathematics

The Worthington STEM Program

*"Preparing Students for
the 21st century."*



“The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.”

-Alvin Toffler

Innovation 101

- ◆ Do you want to earn college credit while still attending high school?
- ◆ Do you want to be prepared for the high demand professions of tomorrow?
- ◆ Do you enjoy creative problem solving using hands-on methods?
- ◆ Do you like to apply what you have learned in real world situations?
- ◆ Do you enjoy learning how things work?

Curiosity Rules!

What if there was a class where curiosity ruled? Where you learned not only how things worked, but how you might make them work better. Where the biggest challenge was between you and your imagination.

It's a classroom that's unlike any other you've experienced. A space filled with the latest design software, advanced materials and cutting-edge equipment.

It's collaborative. It's creative. It's critical thinking. And it's all centered on the most vital fields of learning and essential professions needed in the world today and tomorrow.

Step through the STEM door, and you'll experience an approach to learning that fuels imaginative thinking, creative problem solving and innovative solutions - just the kinds of skills that will help you succeed in your education and beyond.



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