

## MANSFIELD CHRISTIAN SCHOOL K-12 STEM PROGRAM



Mansfield Christian School is one of very few Christian schools in Ohio that integrates a comprehensive **K-12 STEM** program! STEM stands for Science, Technology, Engineering, and Math. STEM education is a unique approach to teaching and learning that fosters creativity and innovative thinking in all students.

Using a STEM approach, students develop analytical and creative skills through investigation and problem solving. STEM moves beyond an emphasis on test performance and focuses on developing high-level thinking skills that students will use in college and beyond. We want our students well-prepared for their calling, college, and career in a globalized, connected, and competitive world. The program at MCS is especially unique in that it is built on the understanding that technology and innovation can be used in Christian service to the world.

The MCS STEM Program is committed to igniting, innovating, inspiring, and integrating. We do that through:

- Highly qualified STEM teachers and individual classrooms for the Elementary (K-6th grade) and Secondary (7th-12th grade), providing powerful, hands-on, project-based learning experiences.
- Student/Chromebook ratio of 1:1 in 3rd-12th grade.
- STEM-based instruction that increase students' 21st century skills, such as creativity, critical thinking, collaboration, and communication.
- Specific STEM courses that emphasize 21st century tools and resources, such as G Suite and 3D printing for all students in K-12th grade.
- Over \$100,000 donated from individuals and the community for STEM resources in three years.
- Emphasis on project-based learning across the curriculum for integration.
- After-school programs that offer space and time to make, build, create, and imagine.
- Participation in community STEM events such as the RMC "Manufacturing Day," Therm-O-Disc "WeLoveSTEM Day," summer robotics camps, and more.



**MANSFIELD**  
**CHRISTIAN SCHOOL**  
*IGNITING YOUNG MINDS*

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