

Marshall Middle School Mission Statement

Marshall Middle School is dedicated to the academic growth of individual students and promotes physical, social, and civic development in a safe, caring, and positive environment.

Marshall Middle School Technology Education Mission Statement

Students will realize how technology affects their lives and the society within which they live. They will develop an understanding of how a continually changing technological society impacts various disciplines of science and problem solving applications. As students explore career possibilities, they will realize the necessity for life-long learning.

Program Goals

- Develop an understanding of scientific principals
- Demonstrate an understanding of engineering concepts
- Develop and demonstrate critical thinking and independent research skills
- Become aware of career possibilities
- Realize the correlation between technology and academics

Program Description

Technology Education at Marshall Middle School provides students with the understanding of how technology and academics integrate. Students complete modular labs designed to promote problem solving through the application of technology. Critical thinking and independent research skills are stressed. As students learn about the application of technology in their lives, they begin thinking about career possibilities and the necessity of life-long learning. At the completion of the 7th and 8th grade classes, students have explored at least 10 different technologies. Some of these modules include: *Automation and Robotics, Space and Rocketry, Flight Simulation, and Computer-Aided Design*. The separate strands of technology taught at the two grade levels are as follows:

7 th Grade
Animation
Computer Graphic Design
Desktop Publishing
Plastics
Space and Rocketry
Woods Manufacturing

8 th Grade	
Aerodynamics	Automation and Robotics
CO2 Raceway	Computer-Aided Design
Fluid Power	Conceptual/Applied Physics
Electronic Music	Engineering & Stress Analysis
Flight Simulation	Radio Broadcasting
Weather Satellite	Video Production
Web Design	