

To build a future, you need a solid foundation. At Marshall we seek to build a base of technology skills that will allow students to continually explore and add new skills throughout their Hiltopper experience, and their lives.

Most students now have grown up as “digital natives” and are comfortable exploring their world through technology. Marshall seeks to reinforce and deepen the use of technology by integrating technology across subjects, throughout the curriculum. The goal is to insure that all students achieve proficiency in International Society for Technology Education (ISTE) national education standards. The general standards include:

- Basic Operations and Concepts
- Social, ethical, and human issues
- Technology productivity tools
- Technology communication tools
- Technology research tools
- Technology problem solving and decision-making tools



All Marshall classrooms are equipped with computers that connect to the internet through a fiber-optic network. Many classrooms have ceiling mounted computer projectors. Students and faculty share three computer labs, a mobile laptop lab, digital still and video cameras, computer projectors, and laptop computers.

MIDDLE SCHOOL TECHNOLOGY

5th & 6th Grade

- Technology class as a part of rotation schedule
- Keyboarding skills
- Simple web pages
- Multimedia presentations

7th Grade

- Intensive instruction in technology as part of Integrated Studies Program, including:
 - Word processing using Microsoft Word
 - Spreadsheet and data analysis using Microsoft Excel
 - Database introduction using Microsoft Access
 - Project presentation using PowerPoint
- Information Literacy

8th Grade

- Technology rich classroom instruction
- Multiple technology based projects
- Information Literacy



UPPER SCHOOL TECHNOLOGY

9th - 12th Grade

- The Department of Computer Sciences at Marshall School focuses on design, modeling, analysis, and applications of computer related systems
- Introductory, intermediate and advanced level classes
- State-of-the-art software and hardware
- Comprehensive and strongly related studies of subjects in graphic design, programming languages, operating systems, computer science theory, and applied life skills

Elective classes:

- Computer Life Skills and Applications
- Computer Art - Concepts and Execution
- Intermediate Programming
- Honors AP Computer Science
- Webmaster

Independent Study Classes:

- Computer Applications
- Business Applications
- Programming in C++
- Advanced Projects in JAVA

TECHNOLOGY CLUBS

- Lego Robotics
- Middle School Technology
- Upper School “Recomp” Recreational Computing Service
- Aerospace