

Technology Department Guiding Principles



Vision and Mission

We seek to empower staff members and students to use technology in pursuit of learning goals and greater productivity. Since our students are our priority, as a tech team our focus will be on enabling teachers and staff with the knowledge, hardware, software, and processes needed for quality instruction enhanced by technology.

Educational Technology Philosophy

Technology is a tool used for productivity, communication, information access, and production. In our school, staff members will use technology to

aid in all of these tasks, and students will be taught to use technology with these ends in mind. Technology will also be used to increase student engagement and build background knowledge for learning.

For persons with disabilities, assistive technology will provide a means of communication, mobility, and access, that individuals might achieve greater levels of independence than would be possible otherwise. Through technology, the Monarch Technology Team strives to close gaps created by disabilities, lack of opportunities, or poverty, so that our preschoolers can move toward entering kindergarten on par with same-age peers, and our young adults can achieve greater independence in personal living, volunteerism, the community, and the workforce.

Priorities

- Putting technology in students' hands
- Students creating products
- Teachers supporting one another
- Educating parents to use technology effectively at home
- Polished external image / communications / branding for Monarch
- Providing basic technology skills for entering kindergarteners and for adults entering the workforce
- Using technology as a tool to make learning accessible for all students

Roles

- TST: Keeping the technology running
- LSTC: Teaching computer lab; helping all staff to use technology effectively
- Media Specialist: Providing resources for everyone's technology needs

As a team we will work together to facilitate teachers' ability to provide quality instruction through technology.

The classroom is an interactive world now; Let's provide it!

Monarch Technology Resources

For every classroom or teacher	For everyone's use	Subscriptions	Software
*Promethean boards or Mimios	Sensory room	Education City subscription	*Boardmaker 6 Plus
*Student workstations	Copiers	Brainpop Jr. subscription (new for 2011)	Living Books software
*Digital still cameras	Poster printer	*Teacher Web subscription	Intellitools Classroom Suite
*Document cameras	Comb binding machine		Various children's learning software
*DVD / VCR units	SMART Tables		Intellitools Overlay Maker
*TVs	2 Computer Labs	Assistive Technology (AT)	*PixWriter
*Echo Smartpens	School website	AT communication devices (AAC)	*1,2,3 Math Fonts
*CD Players		AT switches and switch-operated devices	Animation Factory
*USB microscopes		Other AT devices	Adobe Creative Suite
*classroom audio systems	Available for checkout		Letters Alive
*Scanners	Kid-friendly cameras		
*Printers	Flip Video Cameras	Miscellaneous	
*LCD Projectors	Video cameras	Casablanca Video Editing	
*Touch screens	Conference recorder	Broadcast studio	
*Laptop computers	Slates	Microphones	
*Headphones	Portable FM Sound Systems	Trail Camera	

*These items are provided for every classroom or teacher.