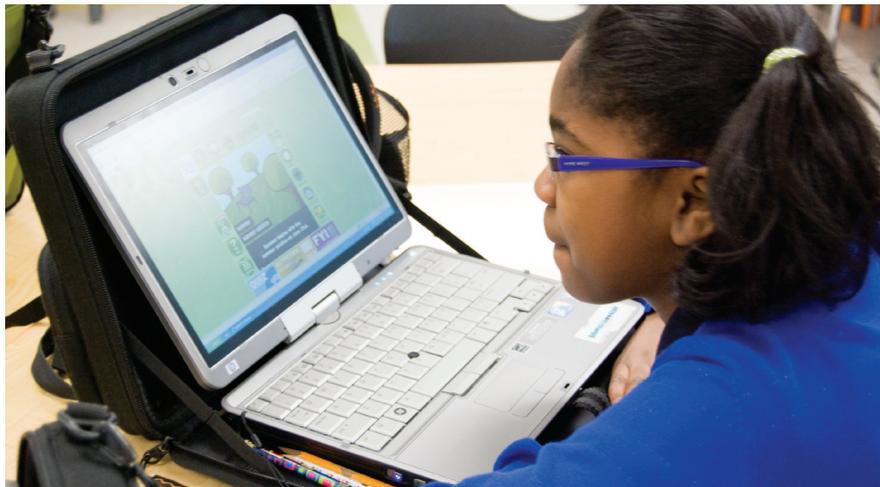


Technology for Learning

Technology for learning is an essential part of each student's experience at the Akron STEM School. With a 1:1 ratio for student to computer, learners have ample assistance with personalized learning and with self directed learning.

Learners at the Akron STEM school are involved in digital literacy programs every other day over the course of an entire semester. Digital literacy involves education in the use of computers in a real-world, 21st century environment. Learners use their computers as tools for typing classroom materials, learning, designing, creating, problem solving, documentation and research. These are skills that support critical and creative activities; in their experience at the Akron STEM School learners strengthen their skills through repeated use and training.



Hardware includes:

- Laptops
- USB flash drives
- LCD projectors
- Texas Instruments TI-34 and TI-Nspire™ graphing calculators
- Docking stations
- SMART™ Airliner Wireless Slates
- Flip™ video cameras
- Digital cameras and Document cameras
- Large format poster printer
- Scanners
- Printer
- iPods / iPads
- InFocus LiteShow™ wireless projector
- Polycom® Video Conference System
- Suunto heart rate monitors

Software programs include:

- Microsoft® Office® system
- Microsoft® Outlook® Live
- Windows Live® Movie Maker
- Windows Live® SkyDrive® (online storage)
- DyKnow Monitor®
- Inspiration®
- Timeliner®
- SMART™ Technologies
- Typing Pal
- SurveyMonkey
- CAD (Computer Aided Drafting)

Online Applications include:

- Blackboard
- Eyejot
- ALEKS® (online math tutoring system)
- VUVOX (interactive online media creation tool)
- VoiceThread (allows students to connect online and collaborate on multimedia presentations)
- Animoto (video slideshow creator)
- Prezi (online presentation creator)
- Skype
- Xtranormal (online animation application)
- Online textbooks
- Blogger
- Glogster (poster design application)
- NBC Learn (NBC News resources)
- Edutube (educational videos)
- SAFARI Montage® (digital media and visual resources)
- netTrekker (digital resources and tools)
- BrainPOP (animates curriculum-based content)
- SunGard eSchoolPLUS (student information system, grade book)
- Online subscriptions, including Ohio.com