



Trussville
City Schools

Technology Goals

The primary goal for the technology staff at Trussville City Schools is to prepare students for the future. Whether their future involves college or immediately entering the job market the focus of technology is to supply the tools that our students need. Our department goal goes well beyond supplying reliable network services with fast internet access. At Trussville City Schools we are focused on digital curriculum. Digital curriculum is not just internet access and Microsoft Office.

Digital curriculum to us is student teacher collaboration on multi-media presentations. Power Point slides with digital interactive response from the audience. Also, role based software that provides a learning conduit for mathematics, science and history. Some of this software we provide in house. Other learning initiatives come directly from the internet.

The internet is an extremely powerful tool that today's world depends on. Ninety percent of children between the ages of five and seventeen use computers. Ninety four percent of online teens use the internet for school based research.

At Trussville City Schools we maintain federal standards for the "Child Internet Protection Act". CIPA compliance involves filtering every single web site through a central server to look for key words or video that would be deemed unacceptable. With over 200 million web sites on the World Wide Web you can only begin to imagine what a monumental task this is. At the Trussville City Board of Education we constantly apply patches and updates to our filters to ensure every child has a safe internet experience. With 200 million web sites in the world an unacceptable site might sometimes slip through even the best filtering software. In that instance we have an in house work order system that will track and block that site in the future. We go to great lengths to conform to the Child Internet Protection Act.

With the focus on digital curriculum we are slowly beginning a 1:1 based computer initiative. The future goal of technology in our schools is to supply every teacher and student their own individual computer. We will be starting this year with all certified teachers receiving a laptop. Our ten year goal will be to supply every teacher and student their own individual work station. Many schools around the nation are gearing up to implement this 1:1 initiative. Studies have shown that these districts such as Henrico County, VA and Flint Michigan are having a profound affect on education.

A 1:1 initiative does not just improve test scores. It provides a rewarding and engaging experience for students in the classroom. The trickle down effect is increased attendance, lower drop out rates and students who are better prepared for a college classroom or entry into the job market.