

# TECHNOLOGY AND CURRICULUM

- Expand access to technology for all students and provide infrastructure to support long-term Internet access;
- Purchase new and replacement textbooks and online curriculum materials.

## Elementary School uses of Technology Include:

- Retelling and analyzing stories using Explain Everything
- Publishing multimedia comprehension & vocabulary displays on the class web site
- Practicing math skills using interactive software that provides feedback (IXL, Reflex Math)
- Using Internet resources to research topics & write across the curriculum
- Creating multimedia products & iMovie to share research results using QR codes
- Video school event newscasts & greenscreencasts to share with parents and community

## Middle School uses of Technology Include:

- Creating an iMovie to present a personal narrative or the findings of their historical research
- Self-assessing writing by recording the piece, listening and revising
- Peer editing to improve writing & collaboration skills
- Publishing science research results
- Creating podcasts to self-assess and increase fluency in foreign language
- Composing images that demonstrate understanding of concepts
- Creating animations to explain mathematical concepts
- Collecting data with probe ware

## High School uses of Technology Include:

- Demonstrating results/knowledge of scientific research by - Video/pod casting
- Improving fluency in foreign language by creating and - Listening to recordings
- Collecting and annotating oral histories using Google Docs
- Analyzing phenomena in physics using computer generated - Simulations (Phet)
- Peer reviewing research papers in Turnitin.com and Google Docs
- Designing a web site/posting to a blog to reach an audience
- Debating a historical or current event in an online forum
- Summarizing and collaborating the day's classwork in Google Classroom/Google Docs



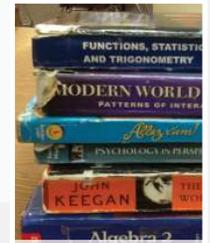
High school students participated in a school-wide "Coding Day."



Kindergarteners use iPads to learn how to read and write.



Middle School students create class projects using technology.



Curriculum materials that meet new state standards would be purchased.