

Department: Technology
Course Name: First Grade Technology

Course Description: The first-grade technology curriculum is focused on increasing students' comfort level when working on computers while continuing to enhance integration of technology into the classroom curriculum. Students will expand their computer terminology, learn basic keyboarding skills through web-based sites, and explore digital creation. Being safe online and the principles of digital citizenship guide much of the discussion and activities.

Content:

Proper terminology for basic parts and operations of computers
Introduction to keyboarding
Creation projects
Website navigation
Coding
Robotics
3D Printing
Digital citizenship

Skills:

Act responsibly by demonstrating proper usage and care of iPads.
Connect external devices properly (headsets, etc.)
Develop motor skills through keyboarding
Create and illustrate using a variety of programs that foster creativity and enhance listening skills
Type name on assignments before printing
Open and close programs and internet links
Navigate developmentally appropriate websites
Demonstrate understanding of digital citizenship
Explore and create while developing digital literacy and problem-solving skills

Text and Materials:

Individual headsets
KidPix
BrainPopJr
NetSmartzKidz
Nearpod
Seesaw
Flipgrid
Common Sense Media
Code.org
"Dot" robots
Pic Collage
Typing Club
Animoto
iPad Cameras
MakerBot 3D Printer

Methods of Instruction:

Computer and web-based activities

iPad activities

Online videos and website presentations

Class discussion

Computer generated projects

Methods of Evaluation:

Class participation

Class work

Class projects

