

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 using a mouse and keyboard

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 and mousing

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

Seesaw

Common Sense Media

Code.org

Dot robots

Pic Collage

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

