

Department: Technology
Course Name: Kindergarten Computer

Course Description: The Kindergarten Technology curriculum is designed to help students see iPads and computers as familiar learning and working tools. The emphasis at this level is staying safe online and using graphics-oriented programs that will complement the classroom curriculum. Students express creativity and practice their motor skills while becoming comfortable using a tablet, mouse, and keyboard. Kindergarteners also become familiar with programs such as digital libraries and Brainpop Jr. to develop listening and comprehension skills while navigating digital resources.

Content:

iPad care and usage
Basic operations
Parts of the computer
Proper computer terminology for components and actions
Introduction to keyboard letters and numbers
Creation projects
Website navigation
Online safety
Introduction to coding
3D printing

Skills:

Act responsibly by demonstrating proper usage and care of iPads
Connect external devices properly (headsets, etc.)
Develop motor skills through the use of mouse and keyboard
Illustrate ideas using a variety of programs that foster creativity
Type letters in name on assignments before printing
Open and close programs and internet links using bookmarks
Navigate developmentally appropriate websites
Identify online safety rules
Explore and create to develop listening and problem-solving skills

Text and Materials:

Individual headsets
BrainpopJr.
Common Sense Media
iPad camera
Kidpix
Seesaw
Nearpod
Code.org
Abcya.com
Just Books Read Aloud
Tinkercad
Beebots

Methods of Instruction:

Modeling and practice of iPad-based activities
Online videos, books, songs
Virtual field trips

Methods of Evaluation:

Class participation
Class work

