

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

