

Department: Technology

Course Name: Junior Kindergarten Computer

Course Description:

The Junior Kindergarten curriculum is designed to help students see computers as familiar learning and working tools. The emphasis at this level is staying safe online and using graphics-oriented programs to complement the classroom curriculum. In keeping with supporting the classroom curriculum, the JK class takes a STEM approach; engaging in science activities that incorporate the use of iPads and robots. Students express creativity and practice their motor skills while learning to use an iPad and desktop computer as a tool of instruction.

Content:

Online Safety
Mouse skill development
iPad usage and operations
Creation projects
Navigation within a website
Basic coding
3D design

Skills:

Act responsibly by demonstrating proper usage of iPads
Identify online safety rules
Illustrate ideas using programs that foster creativity
Navigate developmentally appropriate websites
Explore and create to develop listening skills
Develop motor skills through the use of mouse and keyboard
Sequencing through coding robots

Text and Materials:

Individual headsets
Seesaw
Common Sense Media
ABCya
iPad camera
Beebots

Methods of Instruction:

Modeling and practice of computer-based activities
Online videos, books, virtual field trips
Computer generated projects
Hands-on science activities

Methods of Evaluation:

Class participation
Class work
Class projects