

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