

Instructional Technology Focus

Productivity Tools

Use software programs to enhance learning experiences, express ideas and solve problems.

Use electronic tools and research skills to build a knowledge base regarding a topic, task, or assignment

Use Communication Tools to participate in Group Projects

Solving Problems

Use appropriate computer-based productivity tools to create and modify solutions to problems.

Research Skills

Use software programs and interactive technology environments to enhance learning experiences, express ideas, solve problems and manipulate information.

Use electronic tools and research skills to build a knowledge base regarding a topic, task or assignment.

Use Communication Tools to participate in Group Projects

Kindergarten

FOCUS: GRAPHICS

Students utilize the computer to express ideas, solve problems or demonstrate new knowledge through stamping, drawing or manipulating pictures

(example: use Kid Pix or Kidspiration to draw graphics in order to express ideas, new learning or solve problems)

First Grade

FOCUS: MULTIMEDIA

Students combine more than one medium of expression: audio, video, graphics, text to express ideas, solve problems or demonstrate new knowledge

(example: create a multimedia visual using recording their own voice combined with graphics in PowerPoint, or KidPix Deluxe to illustrate or solve problems, demonstrate in pictures or movies using iPhoto or iMovie to express ideas, new learning or problem solving)

Second Grade

FOCUS: WORD PROCESSING

Students utilize a word processing application to express ideas, solve problems or demonstrate new knowledge.

(example: use Microsoft Word, Inspiration, PowerPoint, KidPix, or Kidspiration to brainstorm and express ideas. Create a story problem in KidPix- illustrate solving the problem)

Third Grade

FOCUS: INTERNET/ ADVANCED GRAPHICS

Students utilize the internet to build a knowledge base regarding a topic, task or assignment.

(example: utilize simulations, electronic science or math laboratories, virtual museum field trips, or on-line interactive lessons, to manipulate information; Students will integrate graphics from various sources (internet, video, digital camera, student generated)

Fourth Grade

FOCUS: INTEGRATE MULTIPLE APPLICATIONS

Students integrate multiple software applications to express ideas, solve problems, demonstrate new knowledge,

(example: utilize online databases, internet resources, simulations, electronic science or math laboratories, virtual museum field trips, or on-line interactive lessons, to manipulate information and gain new knowledge- integrate various graphics from various sources (digital camera, internet, video, student generated)

Fifth Grade

FOCUS: USE APPROPRIATE SOFTWARE FOR DEFINED AUDIENCE

Students utilize a word processing application to express ideas, solve problems or demonstrate new knowledge.

(example: given a task students choose the appropriate tools, for the audience and content. Students may utilize internet resources, online databases, or other knowledge source to gain new knowledge then apply using the appropriate word processing, graphics, databases, spreadsheets, simulations, or multimedia application.