

Kindergarten 1st Quarter

APS Technology Objectives*

K.1.1 - Name technology in classroom and home

K.1.2 – Recognize monitor, mouse, disk drive, keyboard, CPU, printer

K.1.4 - Turn computer on/off, log-in/log-out, launch/close application, insert/eject disk, print

K.1.5 - Use a mouse to make selections

K.2.9 - Close windows, log-out, leave area neat

K.2.10 - Keep passwords private

K.3.3 - Create original art – KidPix, AppleWorks Draw or Paint

K.6.1 - Communicate solutions to problems through graphing/drawing – Appleworks, KidPix

**The APS Objectives listed above are correlated to the 6 areas of the ISTE NETS•S and to the Virginia Computer/Technology Standards of Learning (VA C/T SOL).*

Theme: Hispanic Heritage (September 15-October 15)

Enduring Understanding:

Essential Questions:

CONTENT

Listen to story ♦ Participate in discussions ♦ Communicate through art & journals ♦ Develop fine motor skills ♦ Write name ♦ Explore classroom, school ♦ Share with friends ♦ Baby animals, animal coverings ♦ 5 senses ♦ Color ♦ Light ♦ Weather ♦ Bathroom etiquette ♦ Count to 10 ♦ Sorting

Integrated Ideas

Logging In and Out

Explore logging in and logging out. Discuss that passwords are private.

Artsy Understandings

Students use drawing/painting software to depict any of the following:

Baby animals, 5 senses, Weather picture, Family / Friends

KidPix, Appleworks Draw, Appleworks Paint

I Can Count

A Kidspiration template is made depicting several different objects. Students count the number of objects and label each set with the number shown.

Kidspiration

I Know That Number!

Using KidPix, students use the stamp feature to stamp X number of items. If the number of the day is 5, then students stamp 5 paw prints, 5 dogs, 5 bones, etc.

KidPix

What's at home? What's at school?

A Kidspiration template is made depicting items found at home and school. Students sort the pictures into 2 groups – items found at home, items found at school. A third group could be made of items found in both places.

Kidspiration, KidPix

Kindergarten 2nd Quarter

APS Technology Objectives*

K.1.6 - Locate alphabet keys, numeric keys, space bar, return, delete, shift, arrows

K.1.7 - Use printers, disk drives, CDs

K.1.8 - Save and retrieve work

K.1.9 - Save work to a disk

K.2.1 - Handle technology carefully

K.2.4 - Safe behavior with electrical cords

K.2.5 - Prevent damage to equipment

K.2.11 - Discuss safety issues (don't give away personal info on the Internet)

K.3.1 - Compose and publish written work – Appleworks

K.3.2 - Prewriting, composing, publishing -- Kidspiration

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Theme:
Enduring Understanding:
Essential Questions:

CONTENT

Recognize letters ♦ Identify 1/2 ABCs ♦ Listen, comprehend, re-tell stories, make predictions ♦ Share details of drawing/writing ♦ Cooperation / Manners ♦ Fall Plants ♦ Color ♦ Light ♦ Weather ♦ Discussing feelings ♦ Patterns, shapes, sequencing ♦ Schedules

Integrated Ideas

Match Big Letter, Little Letter

Students are presented with various upper case and lower case letters. Students identify the matching letters and drag the matching letters together to form a pair. Students also can create their own pairs.

Kidspiration, KidPix

I Know My Shapes

Students choose shapes in Kidspiration and label orally or in writing.

Kidspiration

Drawing and Writing

Students draw a picture about a topic they're studying. Then, students write a sentence describing their picture and the topic.

KidPix

Sequencing

Students are given a variety of pictures, scenes, letters, or numbers. By clicking on the objects, students will drag and rearrange the objects to be in "how to make" order, correct sequence order, ABC order, or numerical order.

Kidspiration

MathKeys

The MathKeys software offers a variety of learning activities and simulations for whole numbers, geometry, and probability.

Math Keys

Kindergarten 3rd Quarter

APS Technology Objectives*

K.1.3 - Use technology as part of classroom routines

K.2.2 - Operate with clean hands

K.2.3 - No food or drink around computer

K.3.4 - Create a table as a class – Appleworks Spreadsheet, Graph Club, MS Excel

K.4.1 - Participate in and respond to electronic field trips

K.6.1 - Communicate solutions to problems through graphing/drawing – Appleworks, KidPix

K.6.2 - Create and manipulate tables, pictographs – Graph Club, Appleworks Spreadsheet

K.6.3 - Use critical thinking skills when viewing video – www.unitedstreaming.com, VHS tapes

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Theme: Black History Month / Women's History Month
Enduring Understanding:
Essential Questions:

CONTENT

Read own writing ♦ Learn initial sounds ♦ Expand language development & thinking skills ♦ Add details to writing/drawing ♦ Form letters correctly ♦ Learn state & US symbols ♦ Gardens ♦ Bears ♦ Wheels ♦ Color ♦ Light ♦ Weather ♦ Safety at school & home ♦ +, - ♦ Measurement

Integrated Ideas

How Big Is It?

Students measure how long an object is with nonstandard units. Using a spreadsheet or graphing program, students graph their data.

Graph Club, Appleworks Spreadsheet, MS Excel

States and Symbols

Pictures of various states and their names are given along with pictures of each state's symbols. Students draw lines to connect the states with their symbols or drag the pairs together to form matches.

Kidspiration

Morning Message

Students, as a class, write a morning message. They could choose to replace words with pictures making a Rebus-type message.

Appleworks Word Processing, MS Word

Letters and Sounds

Students group an alphabet letter to pictures that begin with the letter's sound.

Kidspiration

Field Trips

Using the Internet, guide your students to sites showing gardens, bears, or wheels. Visit the arboretum, the aquarium, or the zoo.

Internet Browser

Kindergarten 4th Quarter

APS Technology Objectives*

K.1.3 - Use technology as part of classroom routines

K.2.6 - Report problems to an adult

K.2.7 - Respect each other's work

K.2.8 - Share resources equitably

K.3.5 and K.4.2 - Create a storyboard collaboratively prior to all slide shows

K.3.6 and K.4.3 - Create a slide show with audio and graphics

K.5.1 - Retrieve and gather info from electronic media

K.5.2 - Use ACORN

K.6.3 – Use critical thinking skills when viewing video – www.unitedstreaming.com, VHS tapes

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Theme: Resources, Needs & Wants (da Vinci 6-week unit)

Enduring Understanding:

Essential Questions:

CONTENT

Read own writing ♦ Read sight words ♦ Add details to drawing/writing ♦ Invented spelling ♦ Form letters correctly ♦ Learn about community (locally-globally) ♦ Seeds ♦ Space ♦ Color ♦ Light ♦ Weather ♦ Nutrition- healthy foods ♦ Time and Money ♦ Count to 100 by 1s, 5s, & 10s ♦ da Vinci

Integrated Ideas

What is Water?

As a class, students make a storyboard and a slide show about water –its characteristics, where one finds water, the water cycle, etc.

MS PowerPoint, Hyperstudio

Do I Need It or Do I Want It?

Students generate a list of items in their environment. Then, students sort the items into Needs & Wants. Discuss why something is a need or a want.

Kidspiration

What Is a Community?

Students design a slide show about the meaning of community. Include digital pictures of students' community.

MS PowerPoint

Eating Healthy!

Students create a healthy meal in artistic form and support it with writing.

MS PowerPoint, Kidspiration, Word Processing

Can We Find the Information?

Conduct an electronic search about seeds, space, weather.

Internet Browser, Electronic Reference CD

Symbols

Sort money pictures from time pictures.

Kidspiration