Technology Curriculum Integration Ideas!

General Ideas listed in alphabetical order by software & by grade level:

Clay Animation:

- **Elementary**
  - Clay Animation is a wonderful activity allowing students to assess what they have learned about a particular subject by having them create a digital movie using clay figures and props, sets, and captions explaining the story, process, or project. Some examples are: Life cycles, recycling, story of a book, student's views on a community issue.

- **Secondary**
  - Clay Animation is as fascinating to upper level students as it is for the younger ones. It has been successfully used to demonstrate cell meiosis, student views on school issues, advanced art projects, and in special education classes.

Resources: The V Team web page, how to’s, and student samples - [www.thevteam.org](http://www.thevteam.org)

Desktop Publishing

- **Elementary**
  - Students create posters related to the topic you are studying, such as a wanted poster, informative poster, safety poster, STLP poster.
  - Students draw a map of an area or place. Be sure to include a map key and directions.
  - Students can create business cards for themselves, or for other customers.
  - Students can make invitations, certificates, calendars, and plays.
  - Students write articles and feature stories to make a newspaper or advertisement from a historical place or event.
  - Use a desktop publishing or word processing program to write an essay, story, or newspaper report about the topic you’re studying.

- **Secondary**
  - Students create brochures to persuade readers to live healthy by selecting a health related topic, researching it and deciding if it is good or bad and why, then creating a persuasive brochure about it.
  - Students create brochures about a foreign country and type it in the language of that country.
  - Use a desktop publishing or word processing program to write an essay, story, or newspaper report about the topic you’re studying.
Work with local newspaper company to produce a quality student newspaper for the school.
Create school calendars, posters, banners, and displays for school related activities.

Resources: The V Team web page, how to’s, Teacher page - www.thevteam.org
KDE ITL resources page

**Digital Cameras**

- **Elementary & Secondary**
  - Digital cameras can be used to tell a process
  - Students dressed up as characters in time and took digital pictures of each other to create a living timeline
  - Students can take pictures of shapes, patterns, and numbers to use in relation to math concepts and art concepts.
  - Students can take pictures of the construction of a new building from start to finish and create a presentation on it.
  - Teachers may want to use pictures of their students working and their projects to email home to parents.
  - STLP students can use the digital camera for cyber reporting on school activities.

**E-mail**

- **Elementary**
  - Students can learn the beginning elements of email in p-2 grades by establishing e-pals with other schools within the local area or throughout the world.
  - Teachers can send electronic lessons to students through Personal Distribution lists and have students answer and reply to teacher with their work.
  - Students can submit journal entries to teachers for editing and reviewing before publishing
  - Pre-writing and review of vocabulary in a unit of study

- **Secondary**
  - Students can submit electronic mail portfolio entries (of actual persuasive letters to other businesses, & people) to the teacher
  - Students can correspond with teacher about lessons and research on topics
  - Students utilize mail to learn some of the advanced resources that electronic mail has over conventional mail
  - Teachers and students can correspond with e-pals from other places.

Resources: The V Team web page, how to’s, Teacher page - www.thevteam.org
KDE ITL resources page
Inspiration/ Kidspiration

- Elementary
  - Use Kidspiration to enhance learning in all content areas by assessing what students know prior to studying the lesson
  - Creating character webs
  - Create food pyramid, poetry reflection, and simple sentences from webs
  - Learn about geometric shapes and fractions using symbols and text

- Secondary
  - Inspiration is a wonderful webbing and outlining tool to teach students how to plot out a web using main idea concepts
  - The web can be converted to a full outline and visa versa with one click of a button to help visual and graphic learners.
  - Use as a demonstration program to diagram certain topics for presentations or displays

Resources:  The V Team web page, how to’s, Teacher page - www.thevteam.org
            www.inspiration.com

KidPix

- Elementary
  - Draw maps and diagrams of fieldtrips
  - Create simple slide shows grades p-3
  - As a graphic art program to demonstrate knowledge of a topic
  - Slide show demonstrating phases of the moon
  - Simple sentence writing for p-1

Resources:  The V Team web page, how to’s, Teacher page - www.thevteam.org
            Broderbund company- www.broderbund.com

Presentation Software- Microsoft PowerPoint/Hyperstudio/KidPix

- Elementary
  - Create reports on an animal and play a frame animation of the animal in its environment
  - Students use a multimedia program to demonstrate a math concept and create a slide show about it.
  - Have a slide show at open house about all the students in the class
  - Students create a slide show about a specific unit of study
  - Create presentations for end of year and student graduation programs.

- Secondary
  - Use presentations to demonstrate a project in class
  - Create presentations for school clubs and organizations
Science Court

- Elementary
  - Use Science Court culminating the end of a unit to reinforce the content

Timeliner

- Elementary
  - Timeliner is a wonderful and basic program that students from K-6 can easily use in creating timelines.

Resources: The V Team web page, how to’s, Teacher page - www.thevteam.org
Tom Snyder Productions – www.tomsnyder.com

Video Production

- Elementary
  - Create a news program either Live or taped allowing students to present the news of the school, community, and world.
  - Create commercials selling a program or product
  - Students create a video production for a class or school project
  - Students create a video of a play or skit demonstrating a process or subject area

- Secondary
  - Create community videos (safe spot, new businesses, chamber projects, etc...)
  - Edit video productions and submit to local cable stations for community publishing.
  - Work with digital video production of projects, and programs.
  - Students utilize advanced editing programs, and production to community cable stations.