

Mary Whyte

## Workshop Description

My project is to plan a summer technology class I am teaching through Portage Public Schools. The class is entitled: Integrating Technology in the Lower Elementary Classroom.

**Purpose:** The purpose of the class is to offer some opportunities for lower elementary teachers on how to implement technology into their curriculum in meaningful ways. It will also allow lower elementary teachers to share in ways they may not have done before. Our school board has made technology integration its strategic initiative for our next year, but the focus is going to be on grades 3, 4, 5, and 8. I wanted to offer a class on early elementary technology integration this summer so these folks wouldn't feel left out of the strategic initiative; and also build some relationships with teachers interested in using technology for the future. I see networking with staff will be a big part of my job. Within the next 3 years we hope to formalize a technology integration project within the curriculum performance objectives at all levels. Comfort with technology integration and our ability to bring all levels of teachers along will be crucial to long-term success.

**Outline:** The class will be for two mornings from 8:00-12:00 am for a total of 8 hours.

Day 1  
8:00- 8:20

- Agenda- Use Kidspiration to display the day's agenda in a clock format.
- As people come into class have them rate themselves as to their comfort level with technology integration using graph club. Have people record on one computer. No names need be given, just a class composite.
- Introductions -Use Kidspiration to record responses of participants. Share your name, school, grade level, and favorite summer activity.

- 8:20- 10:00 Focus on Reading Integration activities
- Look at variety of online reading activities off of eboard
  - View Kid Pix Samples
  - Introduction to using Kid Pix software- Teacher lesson and handout.

10:00-10:15 Break

- 10:15- 12:00
- KidPix Activity: Create a simple activity that you could use for reading/language arts in your classroom or draw your favorite summer activity using Kid Pix and write two sentences about your picture using the typewriter tool.
  - Group sharing of Kid Pix projects-save to a common folder. Teacher makes a slideshow
  - Discussion-How could you apply this software to your classroom? View show.

Day 2

- 8:00-8:20 Discussion of Management Techniques
- Marilyn's handout on 51 ways to manage Kid Pix.
  - Surviving the lab setting

- 8:20-10:00 Focus on Math
- Look at online math activities from eboard.
  - Introduction of Graph Club software
  - Graph data from the introduction about favorite places. Provide in outline form data from the class introduction recorded in Kidspiration.
  - Group sharing: How could you apply Graph Club software to your classroom?

10:00-10:15 Break

- 10:15-11:30 Focus on Social Studies/Science
- Look at online social studies /science activities on eboard
  - Share Kidspiration Sample Activities

- Teach Kidspiration: Share Atomic Learning Site-Focus on basics and templates
- Participants create an activity using a Kidspiration template
- Group Sharing-Gallery walk around computers, ½ the class views kidspiration creations of the other half of the class, and then the two groups switch.
- Discussion-How could you apply Kidspiration in any of the subject areas?

11:30 While teachers are learning Kidspiration each student will evaluate the class by inputting on Teacher station into a Kidspiration document.  
Each participant will also input on a common graph their comfort with technology integration after taking this class.

11:50 Share class comments in writing form from Inspiration document.  
Share the two graphs of comfort with technology from Day 1 and Day 2.

11:50-12:00 Students fill out district class evaluation form. Instructor is available for feedback and questions.

### **Resources and Handouts**

All online sites to look at subject matter sources and activities will be put into an eboard. Our district has bought 50 eboard sites to experiment with the ease of use for the classroom teacher. I am going to customize an eboard for the four classes I will be teaching this summer. I like the eboard because it has easy access and it is very simple to post new sites. I used one with my classroom this year and it became my primary way of communicating with my parent group as well as making links for my classroom use. (In two of my other classes I will be teaching people how to create an eboard for themselves.)

**Click on the TEEC tab** to see my ppstech eboard.

<http://www.ppstech.portage.site.eboard.com>

**Resources:**

A Zip folder of **Kid Pix examples** saved from class, online examples, and some from my school. I'll use this from my laptop connected to a projection system. I'll also show some examples from the Kid Pix web site.

**Kid Pix Handout:** Each student will receive a simple handout about Kid Pix. It will include a copy of the tools and a description of each tool. I'll also have for them a simple set of procedures on how to get started.

This will be created from cut and pasting Kid Pix pages from the manual and using a capture program this summer.

**Kid Pix Activity:** **Using any of the Kid Pix Software tools, create an activity that you could use to help instruct reading/language arts in your classroom. Or Draw your favorite summer activity using Kid Pix and describe it in 2-3 sentences using the typewriter tool.**

[Management techniques handout of surviving the lab](#), and [Managing a KidPix Classroom](#) by Marilyn Western.

Procedure sheet **on how to begin** Graph Club.

Kidspiration examples and tutorial **linked off of eboard**. Kidspiration demo discs **for class ordered online** and teacher resources **from Inspiration Co**.

Curriculum Benchmarks:

**NETS Standards that have to do managing and delivering curriculum.**

### **III. TEACHING, LEARNING, AND THE CURRICULUM.**

Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning. Teachers:

**A.** facilitate technology-enhanced experiences that address content standards and student technology standards.

**B.** use technology to support learner-centered strategies that address the diverse needs of students.

**C.** apply technology to develop students' higher order skills and creativity.

**D. manage student-learning activities in a technology-enhanced environment.** (I like this one the best, though I think it hits all of the above standards.)

#### **Evaluation:**

1) [Kidspiration](#) document where class records their comments in rectangles. Share with class the outline form. Students will answer two questions. What have you learned that will be helpful as you approach next year's teaching? What would you like more time to do in class?

2) Graph of beginning of class and end of class about how they would rate themselves as their abilities to integrate technology.

**3)Also, a district standard evaluation form for all tech classes taught in Portage will be given to each student to rate the class.**