

K-12 Computing Blueprint Webinar

Your Resource for One-to-One Computing

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K12 Computing Blueprint Education Webinar

One-to-one Planning & Logistics: Advice from the Experts

February 28, 2008

4:00 EST (1:00 PST)

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K-12 Computing Blueprint

<http://www.k12blueprint.com>

Visit us to read case studies, learn about research, access resources, and keep up on recent news about laptop learning, other forms of one-to-one computing, and K-12 ed tech issues including funding, curriculum, leadership and professional development.

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Introductions



Moderator: **Judy Salpeter**
Technology & Learning



Welcome: **Eileen Lento**
Intel



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Welcome



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Speakers from Irving ISD Irving, Texas

Dr. Alice E. Owen

Executive Director of Technology



Sam Farsaii

Director of Instructional Technology



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Speakers from Auburn City Schools Auburn, Alabama

Debbie B. Rice

Director of Technology



Jason D. Wright

Principal, Auburn Jr. High School

Dennis Veronese

Assistant Superintendent of
Business and Financial Services



Agenda

- **Background and planning**
 - Irving
 - Auburn
- **Rollout and initial implementation**
 - Irving
 - Auburn
- **Ongoing logistics**
 - Irving
 - Auburn

Irving ISD

- 33,000 students
- 4200 employees
- 38 campuses
- 67% Hispanic
- 40% limited English speaking
- 72% low socio economic families

Laptop Program – Irving ISD

- 7th year of the program
- 4 high schools, 1 middle, 1 elem
- 9500 laptops for students
- 3000 laptops for staff

Irving ISD: Why one-to-one?

- Equitable access for students
- Change teacher practice
- Transform high school

Irving ISD: Planning

- Planning with Academy
- 25 days for training
- Set expectations for stakeholders
- Going back to re-vision

Irving ISD: Planning

- Network upgraded
- Wireless added to all schools
- Teachers laptops since 1997
- Moved to GigE network
- Doubled Internet bandwidth

Auburn City Schools

- One Kindergarten school [427 students]
- Five elementary schools [2,391 students]
sixth school to open in the 2008-2009 school year
- One middle school [833 students]
- One junior high school [908 students]
- One high school [1,136 students]

5,965 students, 27% on free/reduced status

Ethnic makeup=7% Asian; 28% African-American; 2% Hispanic; 63% Caucasian

\$ 9,014 spent per student each year.

Over 68% of Auburn City School teachers/administrators hold advanced degrees

Pupil-teacher ratio in academic classes: 23-1 (18-1 in grades 1-3)

Auburn City Schools

Mission Statement

Prepare 21st century students and educators to be contributing members of an ever-increasing technological and global society through an anytime, anywhere learning environment.

Auburn: Why one-to-one?

Goals*

- **Goal 1: Teachers will change and improve the delivery of instruction to realize the benefits of a one-to-one computing environment**
- **Goal 2: To increase student achievement, engagement, and ability to learn to meet the demands of the world they are entering**
- **Goal 3: Create and support equitable opportunities for student learning through the use of technology as an extension of the classroom**

** See link at end of webinar to K12 Blueprint page where charts of these goals and objectives can be found.*

Auburn Junior High School

- Began October 2006 with 380 units for 9th graders [Gateway 285E tablet]
- Entire campus is wireless
- All classrooms have interactive whiteboards
- Tech Tuesdays-teacher commit to one hour per week for professional development
- Instructional Technology Coach on site [focus is on curriculum]
- Local school Technology Coordinator on site [focus is on school direction]
- Full-time technician on site

Auburn: Infrastructure Considerations

- Wireless connectivity
- Internet Filtering
- Additional storage servers
- Additional bandwidth requirements
- On-line resources

Auburn: Planning Advice

- Long-term budget [[see link at end](#)]
 - **Include all facets of the program:**
 - Additional Technician staff**
 - Software cost**
 - Additional network storage**
 - Additional bandwidth issues**

Irving Rollout: Timeline

- Academy HS – 2001 all grade levels
- 2002 – other 3 high schools 9th & 10th
- 2003 – 11th and 12th

Irving Rollout: Families

- \$50 usage fee
- Sign agreement
- Attend 9th grade orientation
- Campuses provide parent training
- Irving.Net

Auburn Rollout: Timeline

- March - May 2005 Research phase
- Fall 2005 - Site visits [Henrico, VA; MacArthur High, Irving, TX; Cobb County, GA]
- November 2005 - GAP Analysis for teachers
- 2005 - 2006 - PD starts in fall and teachers get laptops in March
- Fall 2006:
 - Required parents meeting
 - Required student orientation
 - 9th grade student tablet deployment
 - High school teacher gap analysis

Auburn Rollout: Families

Required parent orientation meetings:

four total-three night meetings and one lunch both years

Material covered:

Mission and Goals statements

Acceptable Use Agreement

User Agreement

\$50 fee user fee

Student responsibility [accidentally vs. negligence]

FAQ sheet

Auburn Rollout Tips

- Be Flexible-the district designs the plan so you have the ability to adjust the plan as needed
- Listen to stakeholders
 - Communicate
 - Communicate
 - Communicate

Irving: Hardware Logistics

- Two batteries
- Computrace
- Each campus has 2 CTs
- Use students to assist with repairs
- Re-image every summer

Irving ISD: Logistics

- Storage of laptops
- Students responsible for backpacks



Irving: Professional Development

- Job Alike training
- Classroom management strategies
- Ongoing training with ITSs

Irving: Other Advice

- Visit other one-to-one programs
- Ask for help
- Get buy in from all leaders

Auburn: Hardware Logistics

- CompuTrace [Tracking]
- Accidental Damage Plan [ADP]
- Authorized Service Provider [ASP]
- Internet Filtering System [8e6]
- Tablet specific to student
- Battery Saving Tips to students
- Student responsible for charging the battery

Auburn: Logistics

- Plan for battery replacements
build into your agreement
[life of unit battery is typically 2 years]
- Ghosting Images
- Summer refurbishments
- Additional technician staff

- Creative Students!

Auburn: Professional Development

- Continuous teacher PD surveys
- Be willing to adjust your PD delivery based on the teachers needs

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Thank you and Q&A

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Links for Auburn City Schools

K-12 Computing Blueprint videos, goals/objectives, budget and other PDFs

http://www.k12blueprint.com/k12/blueprint/story_1on1_in_auburn_alabama.php

District WebSite

<http://www.auburnschools.org/Technology/21st%20Century%20Learning%20Initiative/index.html>

Links for Irving ISD

Technology & Learning article

<http://www.techlearning.com/story/showArticle.php?articleID=196604145>

Intel Profile of MacArthur High School

http://www.k12blueprint.com/k12/blueprint/cd/CDE06_Intel_MacArthur_Viewable.pdf

District Web site

<http://www.irvingisd.net/one2one>