



## Apple

Wynn Davies Sr. Systems Engineer in Apple Higher education

Society will be connected and global in scope. More information will be available than at any previous time in history. Apple is making products to make sense of what is out there.

The majority of jobs our students will face do not exist today

45% of all new jobs in 2004 will be in industries that did not exist in 1994

### How will technology be used in instruction?

Preparation for Student Success 21<sup>st</sup> Century Skills

- Master literacy and numeracy
- Solve problems and collaborate
- Gather and analyze data
- Visualize and create
- Lead and inspire

Computers will assist:

- Mastering abstract concepts
- Engage the students
- Make the abstract real
- Demonstrate understanding
- Apply learning to a real situation

#### Using Computers:

##### Increases Relevance

Connect learning to what students know  
Tie classroom to knowledge to real world experience

##### Fosters self-expression

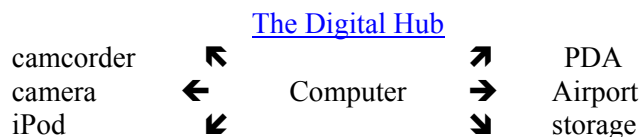
Give students a voice  
increase communication skills  
Remove language barriers

##### Empowers Teachers

Enhance Teaching  
Engage and motivate  
Address diverse learning styles  
Document students' progress  
Create professional portfolios  
Share best practices

### How will technology tools change?

**The Digital Hub** - The center of all technology will be a computer (as opposed to small hand-helds) All equipment will plug into the digital hub. All these products existed before, but not in a way that made it easy to integrate them.



**Integrated Applications** will allow students to easily use all the equipment in the Digital Hub iMovie, iTunes, iPhoto, iEtc.

#### Comprehensive Solutions

**The Wireless Cart** - Professional development solutions, such as the Mobile Digital Media Studio will allow instructors to introduce the Digital Hub into the class room. It consists of a mobile [wireless cart](#) on wheels with iBooks, camera, camcorder, scanner, airport base station, projector, printer and more.

**.mac** formerly iTools (Similar to Microsoft's .net)

Includes: Homepage; email; iDisk(online storage); iCards (online greeting cards); superior virus protection; backup(backup to iDisk, CD or DVD); support

**Sherlock 3** – Internet Search brings up text and images (No need to open a browser.)

**Rendezvous** instantaneously share information with everyone. This is a fileshare feature, streaming over a wireless network offering both Fileshare and USB Printer Sharing

**Universal Access** includes: Screen Zooming Screen Reader (move mouse over screen and it reads what is beneath it) Full Keyboard Access; Visual Notification; Accessibility APIs for Developer.

**Jaguar** - Handwriting recognition integrated into the text system. Write any application, Word or Photoshop or any other application and Jaguar can convert text to handwriting

### **Education Features**

**Workgroup Management** (Managed Desktop) singularly or in a group  
NetBoot Boot from an image on the network (Create separate images for each department; deploy network diagnostic and repair utilities.)

**Network Install** - Install, upgrade and restore system (take a new laptop out of the box and install the system)

**Workgroup Management** - Sends papers and files to a pool of computers and then when assignments are done, gets files from the pool and places them on the managers desktop.

**Workgroup Manger** - Manages preferences for a pool of computers

### **Questions**

**Q:** What are your thoughts on the digital divide”?

**A:** Apple has a Universal Access policy. Apple addresses the Digital Divide by selling low-cost affordable plans - for example the [Maine](#) project, and by setting up borrowing plans and other programs to make technology available to students in need.

**Q:** How is Apple addressing the problem of insufficient software available in certain disciplines.

**A:** Apple is targeting Windows Only producers to produce for Mac  
(Several large ones are being brought over such as Auto Desk (CAD)

UNIX based products are easier to move over now to OSX (MAYA 4.5 came out first on Mac)

Email driley@apple.com Dane Riley & Wyn Davies wyn@apple.com for questions.

### **Meeting Comments**

#### **Survey**

Can we get more responses?

Give it again in August when more faculty are around.

Give it in printed mode as well.

Publicize it on paper and direct people to the survey web site.

Give it to students. (Ask how much technology they have and what they want to do with it.)

What is the purpose of the survey? What will be done with it?

#### **Other**

What can be done about the increasing funding problem which is colliding with the need to keep up with buying new technology?

Where is education going? (We know what technology is available. However, what’s being done with it?)  
Are we reformatting the traditional 3Rs into “Skills for 21<sup>st</sup> Century”

Can DITC facilitate an education meeting with an Apple or Dell representative?

Next Meeting Monday, October 7