

# Hart County School District to Launch 1:1 Laptop Computing for the High School

*At their regular monthly meeting on May 20, 2010, the Board of Education approved by a 5-0 vote a one-to-one laptop initiative for all students and staff in grades 9-12 during the 2010-2011 school year. See below for details and check the website for frequent updates over the next few weeks . . .*



## **Student Laptops: Dell Latitude 2110 Netbook**

- 2 GB RAM and 160 GB hard drive
- 1.83 GHZ processor
- Newest standard in wireless (802.11a/b/g/n)
- Windows 7 with 10.1" display
- Integrated Webcam
- 6-cell Battery
- 4-year onsite warranty; Complete Care; Computrace
- Always-On carrying/shoulder case

## **Microsoft Office 2010 Professional+**

- MS Word, Excel, PowerPoint, Access, and Publisher
- OneNote: <http://www.technospot.net/blogs/quick-features-of-office-one-note-2010-to-take-notes-faster/>
- 10 New Features: <http://blogs.techrepublic.com.com/10things/?p=900>

## **Other Details:**

- **Focus of the initiative involves three areas:**
  - 1) greater engagement of students in active, collaborative learning,
  - 2) instruction at higher levels of learning, and
  - 3) development of 21<sup>st</sup> century skills to prepare students for the workplace and further education
- **Technical Support:**
  - Dedicated technician for the high school to manage student laptops and provide additional technical support throughout the building
  - Eventual development of a student help desk (3-5 students per block) working under the direction of the technician and CIT to provide support for laptops and general classroom technology
  - For first three weeks of student use beginning after fall break, nightly phone support (524-LTOP), 7:00 – 9:00 p.m. Monday – Friday and 2:00 – 6:00 p.m. on Sunday.
  - Lease agreement includes 50 additional netbooks for student checkout as needed during warranty repair, re-imaging, etc. so that students always have access (and accountability)
  - Re-imaging software will be used to ensure all students have equal access to information and machines can be easily maintained at the desired standard

## **Policies & Procedures:**

- Student netbooks will be subject to random and periodic checks to monitor care and software installation.
- Student use fee of \$50 per year provides 24/7 use of the laptops during the regular school year; students who have one parent or guardian attend a parent orientation session (in September or during fall break) will pay only \$25.
- Student AUP has been updated and a specific procedure adopted for laptop use, including specific repair fees for reoccurring repairs, deliberate damage, or negligent use.

### **• Teacher Support:**

- Initial Professional Development (3-day academy occurred in July): nuts and bolts of Windows7 and laptop management, MS Office 2010, integration strategies
- Microsoft IT Academy—separate funding through Title II Competitive Grant will provide access to 24-7 online training resources
- Follow-Up PD: classroom visits in Daviess County are planned for September 9, planning period follow-up meetings, peer observations, webinars, pre/post initiative surveys and observations, etc.
- Addition of technician will eventually enable CIT to devote even more time to classroom-level support

### **• Timeline**

- Early-July—employ computer technician (completed: D.L. Talley is the technician)
- Mid-July—update board and SBDM policies as needed to address use of laptops, AUP infractions, general discipline, etc (Board policy adopted August 2010; SBDM policies in development)
- July 12—laptops in teachers hands (accomplished on schedule)
- October 11—laptops distributed to SR, JR, SO classes (parent orientation sessions offered before fall break; student orientation sessions conducted during actual roll-out)
- January 2011—laptops distributed to Freshman Academy students

### **• Infrastructure:**

- Complete upgrade and expansion of wireless will occur in July/August at the high school (*NOTE: Wireless speeds will always lag behind “cable” connections based on sheer number of users and the inherent limits of wireless connectivity; current restrictions on streaming video, voice, etc. will be even more important than they are now—streaming video, voice, etc. should be directed through teachers’ ACTIVBoard computers, not individual student netbooks*); all items are on order; installation is anticipated in September.
- Current computer labs (except the CAD and video production workstations) and most student workstations, including mobile labs, will be eventually be re-distributed across the district based on ADA during/after implementation of 1:1 at the high school; some computers already distributed to elementary schools as physical preparations are made at the high school for the arrival of the new laptops
- Centralized, networked printers will be placed throughout the high school to expand print services.

- A hardware appliance and related software will be used to limit access to inappropriate content outside of the school setting.
- Wireless “hotspots” will be available outside of HCHS to enable wireless access beyond school hours.

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