1:1 Parent Info for 2016-2017

Mike Graham, Director of Technology
Jeremy Paul, Assistant Director of Technology
Teaching and Learning

• Equal access to learning tools
• Learning can be better differentiated to meet students’ needs (pace, style, background experiences, etc.)
• Shifts focus from memorization and comprehension to connection-making, critical thinking, and problem solving
• Supports and extends learning experiences beyond the classroom
• Make textbooks and other learning resources interactive – promotes learner engagement & independence
• Capitalizes on technology students are using outside of school
Teaching and Learning

• Permits opportunities for more student-directed learning based on interests and goals

• “Real time” resources—textbooks, documents, websites, and other materials that are current, up-to-date, and interactive

• One device can serve multiple subjects and grades—less books for students to carry, materials and apps can be added when identified as being worthwhile

• Teaches students necessary skills for postsecondary life (college, workplace)
Why?

As a school system, we accept the responsibility and challenge of optimizing learning for all children so that they are prepared with the knowledge, skills, perspectives, and attitude needed to thrive in the 21st century, no matter what path they choose to take.

http://www.hempfieldsd.org/1to1
Comprehensive Plan: Strategies for Goal #1
“The Hempfield School District will implement consistent, research-based assessment and instructional practices in all district classrooms.”

Tech Task Force
Innovation, Engagement, Transformation

Develop a comprehensive plan to transform teaching and learning with technology at all grade levels.

- Mission & Vision
- Deployment
- Financing
- IT Infrastructure
- Community
- Content and Instruction
- Professional Development
- Measuring Success
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Budgeting & Finance

Financing purchases by reallocating money from technology, curriculum, supply, and other locations

Insurance
- $30 / year / student
  - Family cap of $90
- Free/reduced exempt
- Covers first $50 in damage for two incidents
- Must be paid before iPad can go home
- Clauses for intentional damage, theft, etc.

Resale & Purchase Option
Device Selection

- Laptops
  - Mac, Windows, Linux, Chromebook
- Tablets
  - iPad, Android
- Others
  - Nooks, Kindles, etc.

- Software Availability & Licensing
- Multifunction
- Manageability
- Personalization
- Durability
- Battery Life
- Cost ($350-$500)
Why iPad?

- Solid construction, no moving parts
- Portable size
- Cameras, motion sensors
- 10 hour battery life
- Self supportable

- Best supported tablet in the market
- Apps for virtually all purposes
- Deep support for eTexts, both consumption and creation
- Best supported tablet in education
- Balanced approach to customization vs. institutional management

- $420 + case
- High resale value
  - $100 - $130, making total cost around $300
Security

• Apple’s review process

• Mobile Device Management
  • Enforce policies, i.e. no apps rated for 13+
  • Serial number locking
  • Identification to use

• Content filtering for devices off-network
Customization & Privacy

• Students will be issued an Apple ID by the district
• Apps will be preloaded automatically or be available in a customized version of the app store
• There will be a process for using personal Apple IDs, but we don’t know what it will look like yet
• A remote inventory is run daily, but no use or monitoring of mic & camera
• The district can place the iPad into “lost” mode
• iPads always phones home with last network address for use with law enforcement if necessary
Professional Development

- Phased in approach, extended training opportunities beyond initial implementation year of training
- In-house trainers
- Before, after school, release time
- Early dismissal/in-service time
- Skill based – utilizing the device
- Content based – integration
- Sharing of resources
- Digital citizenship
- Using devices appropriately

Administration
- Department Leaders
- Teachers
- Students
- Parents
- Substitutes

- EITC

- Support
  - Instructionally
    - ITS
  - Technically
    - Operations
    - Students
What’s Working Well in 15-16

• Very little damage
  • Less than a dozen repairs (<2%)

• No connectivity problems

• Students and teachers using the iPad in all subject areas
  • Use we never anticipated

• Increased engagement

• Professional development
Schoology
Electronic Texts

- OverDrive
- ebooks
- Follett Shelf
- Capstone Interactive
- Lerner Digital
Other Apps

• Pages, Numbers, Keynote, Garage Band, iMovie
• Google Drive / Google Apps
• Microsoft Office / Office 365
• Science, Health & PE
• Art
Using the iPad at Home

• The iPad can be connected to any available wifi network
• Content filtering is always enabled
• Printing is possible with any AirPrint enabled printer
• External Bluetooth keyboards can be used
• Other questions?