1:1 Parent Info for 2016-2017

Hempfield School District

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

Implementation Plan

	K	1	2	3	4	5	6	7	8	9	10	11	12
2015-2016					New								
2016-2017		New			New	↘		New					
2017-2018		New	↘		New	↘	↘ Sell	New	↘	New → Sell	New	New	New → Sell
2018-2019	New	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell
2019-2020	↓	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell
2020-2021	Sell	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell
2021-2022	New	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell	New	↘	↘ Sell

Budgeting & Finance

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

Resale & Purchase Option

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.

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

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

- 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

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

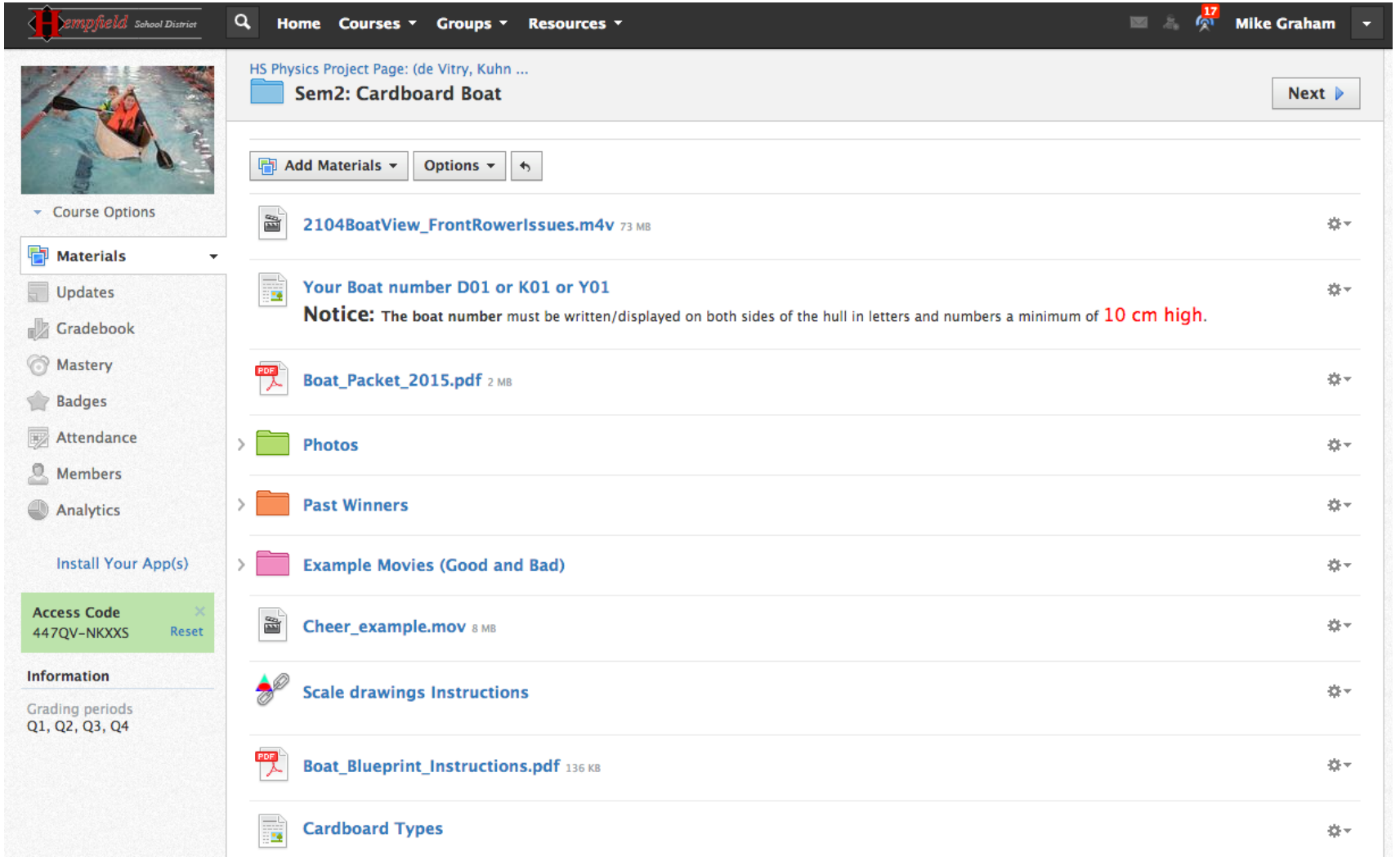
Substitutes

- 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


Hempfield School District
Home
Courses
Groups
Resources
17
Mike Graham
HS Physics Project Page: (de Vitry, Kuhn ...
Sem2: Cardboard Boat
Next
Add Materials
Options
Course Options
Materials
Updates
Gradebook
Mastery
Badges
Attendance
Members
Analytics
Install Your App(s)
Access Code
447QV-NKXXS
Reset
Information
Grading periods
Q1, Q2, Q3, Q4
2104BoatView_FrontRowerIssues.m4v 73 MB
Your Boat number D01 or K01 or Y01
Notice: The boat number must be written/displayed on both sides of the hull in letters and numbers a minimum of 10 cm high.
Boat_Packet_2015.pdf 2 MB
Photos
Past Winners
Example Movies (Good and Bad)
Cheer_example.mov 8 MB
Scale drawings Instructions
Boat_Blueprint_Instructions.pdf 136 KB
Cardboard Types

Electronic Texts

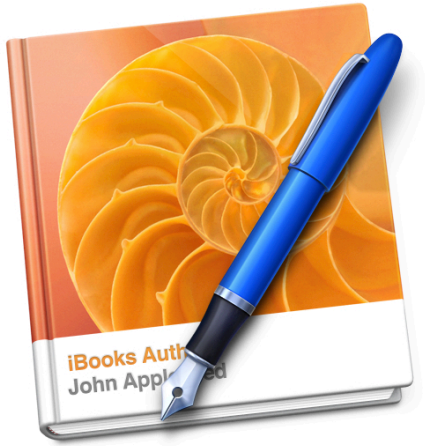
OverDrive

ebooks

Follett Shelf™
eBooks, Audiobooks and Databases

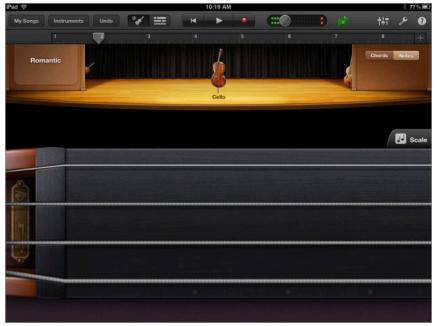
Capstone
interactive

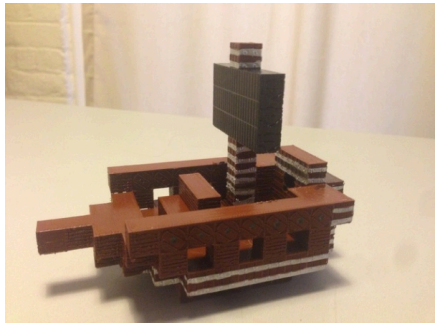
Lerner
DIGITAL



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?