

# Blended Learning

#TheVikingWay



About **5X** as many as during  
Shakespeare's time

# School Visits

# NE Dubois Community Schools

Visited Fall 2014

- Jeff Doyle
- Dena Lengacher
- Aaron Ash
- Andrea Huff
- Cody Cummings

# Center Grove Community School Corporation

Visited April of 2015

- Jeff Doyle
- Dena Lengacher
- Aaron Ash
- Andrea Huff
- Cody Cummings
- Teri Holt
- Trey Showalter
- Tenley Lester
- Brittany Helms
- Unable to Attend
  - Kelly Badger
  - Allison Graber

# North Daviess Community Schools

Visited February 2016

- Jeff Doyle
- Dena Lengacher
- Aaron Ash
- Andrea Huff
- Cody Cummings

# Orleans Community Schools

Visited February 2016

- Jeff Doyle
- Dena Lengacher
- Aaron Ash
- Andrea Huff
- Cody Cummings
- Amy Kavanaugh
- Nathan Lester
- Tenley Lester
- Julie King
- Mark Holt
- Unable to Attend
  - JayR Perkins

# Evansville Vanderburgh School Corporation

Visited May 2016

- Jeff Doyle
- Dena Lengacher
- Aaron Ash
- Tracey Nowaskie
- Nathan Lester
- Cody Cummings
- Laura Craney
- Jay R Perkins
- Matt Anderson
- Eric Yoder
- Jordan Guinn



# Where Are We (process)? What Do We Have?

- Our teachers have had a Chromebook in their hands for 2 years
- Kelly Badger's English classes are in their 2nd year using a Chromebook cart
- At the beginning of this year, we added 4 carts of 25 (2 in the 5th grade, 1 in Hannah Rodimel's classroom, and 1 as a HS floating cart)
- HAL also has 15 chromebooks that are used in various classrooms in the elementary

## Network Upgrades:

- We have upgraded our wireless network to one Wireless AP per classroom
- Upgrading our network switches (12 years old) to increase network speed
- Changed our Internet Filtering system to allow us to filter devices offsite
- Upgrading our bandwidth from 50mbps to 200mbps to handle increasing network activity

# Cost of Different Devices

## Laptops

Lenovo 11.6" ThinkPad  
+  
3 Warranty  
Leave-in Case  
Asset Tag  
Windows Installed  
=

App. \$609.00/Device

Before a leasing option:  
\$203.00/Year/Student

## iPads

iPad Air 2 (New) - 9.5"  
+  
3 Warranty  
Leave-in Case  
Asset Tag (On-Site)  
Latest iOS Installed  
=

App. \$503.00/Device

Before a leasing option:  
\$167.67/Year/Student

## Chromebooks

HP G4 11.6" Chromebook  
+  
3 Warranty  
Snap-on Case  
Asset Tag  
Added to Google Domain  
Green Delivered  
=

\$247 / Device

After a leasing option:  
\$74.78/Year/Student

# Pros and Cons

## Laptops

### Pros:

- Windows System Known by Most Students
- Full Keyboard
- Can use both Apple and Google platform materials

### Cons:

- No Touchscreen
- No Mouse
- More Expensive

## iPads

### Pros:

- Tons of Apps
- Touch Screen
- Long Battery
- Fast, Easy to Use

### Cons:

- No keyboard
- Smaller Screen
- Doesn't support Flash
- No USB Port
- Lack of Multitasking
- Not good for sharing
- Expensive

## Chromebooks

### Pros:

- Very Fast Startup
- Long Battery
- Offline support
- Cost Effective
- More Apps Everyday
- Free Storage Online & Easy to Share with Gmail and Google Drive

### Cons:

- Different Setup to Learn
- Not Great for K-1 (Younger)
- No Touchscreen
- No Mouse

# What Training Have We Had?

- IDOE Summer of eLearning AlicELearning eWonderland Conference, Vincennes, IN - Summer 2014, 2015
- IDOE Summer of eLearning eRevolution Conference - Admin Academy, Evansville, IN - Summer 2015, 2016
- Standard for Success Conference, Technology Sessions, Indianapolis IN - Summer 2014, 2015
- IDOE Digital Content Curation Workshop Tour, Scottsburg, IN - September 2015.
- Indiana Association of School Principals Fall Conference, Technology Sessions, Indianapolis, IN - November 2014, 2015
- Google Teacher Certification - 2016
- SIEC Technology Integration Certification for Teachers - Summer 2016

# What Training Have We Had? (continued)

## Monthly Early Release Days 2015-2016 School Year

- Device Training - Getting Started with Your Chromebook
- Google Chrome Apps and Extensions
- Introducing iPads in the Classroom
- Train the Trainer
- Google Forms and Formative Assessment
- Using iPads in Creative Ways
- SAMR Model
- Transferring Files to Google Drive

# What Are Teachers Using?

- Google Drive
  - Docs, Drawings, Forms, Sheets, Slides
- Google Classroom
- Gmail and Google Calendar
- Formative Assessment
  - Kahoot
  - Plickers
  - iXL
  - Study Island
- Apps and Extensions
  - Flubaroo
  - EasyBib
  - Google Earth
  - Google Maps
  - SAT Prep
- Online Resources
  - NewsELA
  - ReadWorks
  - ReadingEggs
  - Education City
  - Khan Academy
  - SumDog
  - EdPuzzle
  - Flippity.net
  - Accelerated Reader
  - Kidblog.org
  - Goformative.com
  - Adaptedminds.com
- iPads
  - Sight Word Apps
  - Phonics Apps
  - Storytelling Apps
  - Math Fact Apps
  - Camera
  - Felt Board
  - Pocket Chart
  - QR Reader
  - Bookshelf
  - Skylibrary

# Potential Challenges

- Internet Loss
  - Beauty of Blended Learning - Multiple Resources
- No Internet Access at Home
  - Chromebook Offline Capability
  - K-5 Devices will Remain at School
- Students Forgetting Devices at Home/Not Charging Devices
  - Loaner Devices Available
  - Charging Stations Available in English Classes
  - Turnaround time for Broken Devices = 1 Week
- Improper Use of Technology
  - Digital Citizenship Lessons
  - On/Off-Campus Filtering

# Our Recommendation and Why...

## Chromebooks:

- Price (Best bang for our buck)
- Perfect for what students use most often (Internet Browsing, Word Processing and Online Assessments)
- Multiple Apps to choose from including Microsoft Office and Testing Platforms
- Since we changed to Google Email...everything syncs up very well
- Google Drive - Unlimited Storage for Google Apps for Education (GAFE)



Teacher Thoughts...

## SMI data from 2014-2015 and 2015-2016

	First test	Ending test	Growth
'14/'15	545	748	203
'15/'16	526	884	358



**DON HADDAD**  
**SUPERINTENDENT**  
ST. VRAIN VALLEY SCHOOL DISTRICT