

# Why Mobile Learning Devices?







# MLD's and BYOD @ NPSD

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# Northern Potter School District

- North-central Pennsylvania (Potter County)
- 231 square miles
- 554 Pre-K to 12 students
- 49% free and reduced lunch
- 25% families live below the poverty line
- 12.3% of Potter County residents have obtained a bachelor's degree or higher
- No cell service in most of the school district

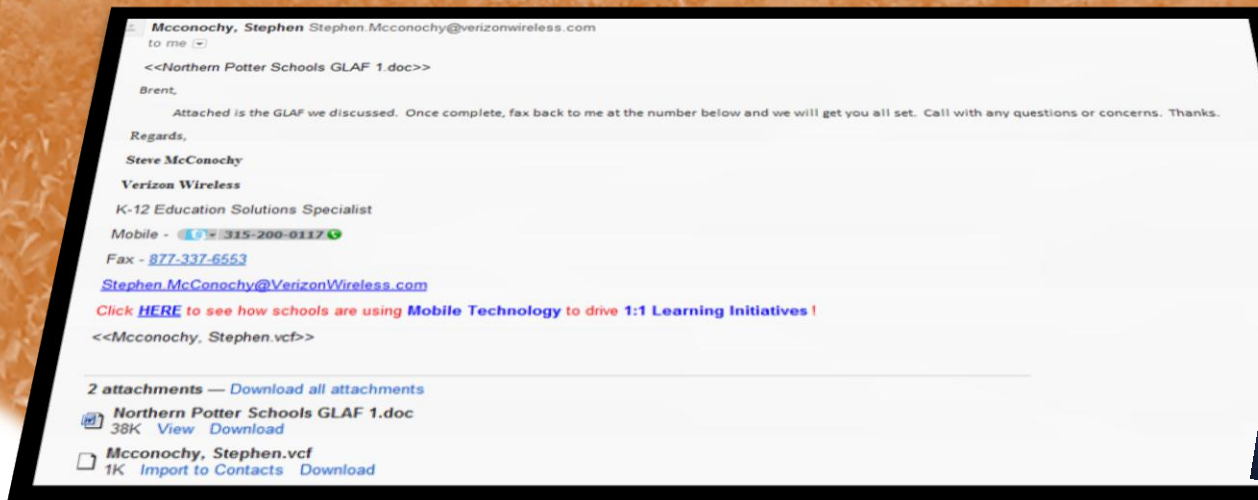


# State of Technology Fall 2010

- No cell service within 7 miles of the schools
- Wireless internet via small office access points
- 8 to 10 year old network hardware
- 6 laptop carts for the school district
- 30 to 50 unauthorized student devices on the network daily
- Filtering done by a third party (Intermediate Unit)

# Marcellus Money and Staff Cells

- Fall 2010 donation of \$40,000
- Invitation to Watkins Glen, NY





# Preparation – January 2011

- On-site visits from Verizon and their vendors
- 3 site visits to Watkins Glen, NY
- Kick-off meeting with teachers



You gave them what?





# NPSD Technology Committee

- Interdisciplinary
- Voluntary
- 15 members
- Pre-K to 12
- Cohorts
- Incentives
  - Conference attendance
  - 3g Service on school devices (off campus)
  - Previews of/input on new devices/applications/services

# Integration into Practice

- February 2011
- Tablet training for teachers grades 5 to 8





THURSDAY, MARCH 31, 2011

➔ **Northern Potter School District Mobile Learning Device Roll-Out Meeting**

## **Northern Potter School District Mobile Learning Device Roll-Out Meeting**


**4/4/11**

**5th-8th Grade Parents and Students**

**7:00-7:45**

**High School Auditorium**

*Join us to discuss digital citizenship and complete documents for our smart phone initiative.*

Posted by Solomon's words for the wise at [3/31/2011 02:05:00 PM](#) 

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# Challenges

- Safety
- Compliance
- Minimizing Classroom Interruptions
- Inventory Control
- Staff Buy-In
- Distribution/Collection





# App Lock - App Protector

Creative Core



★★★★★ (8,863)

INSTALL



# Cloudacl WebFilter 2012

CLOUDACL WEBFILTERING / PRODUCTIVITY

★★★★★ (137)

INSTALLED

# edmodo

Username or Email

Password

[Forgot?](#)

Login

Sign up now. It's Free!

I'm a Teacher

I'm a Student

[Parent Sign Up](#) (Requires Parent Code)









# 9/26/12 Geography









# QR Codes to access Internet Resources





# Math Workout to Practice Math Facts





# iFlashcards to Practice Key Words





# MLD Uses



# Best Practices

- Digital Citizenship not (always) Cyber Policing
- Don't reinvent the wheel (take our stuff)
- Teachers remain masters of their domain
- Focus professional development on your best teachers (1/3 principle)
- Staged deployment
  - Day use
  - Take home
  - BYOD



# The Student Technology Team “The Rural Routers”



Don't be paralyzed by fear.



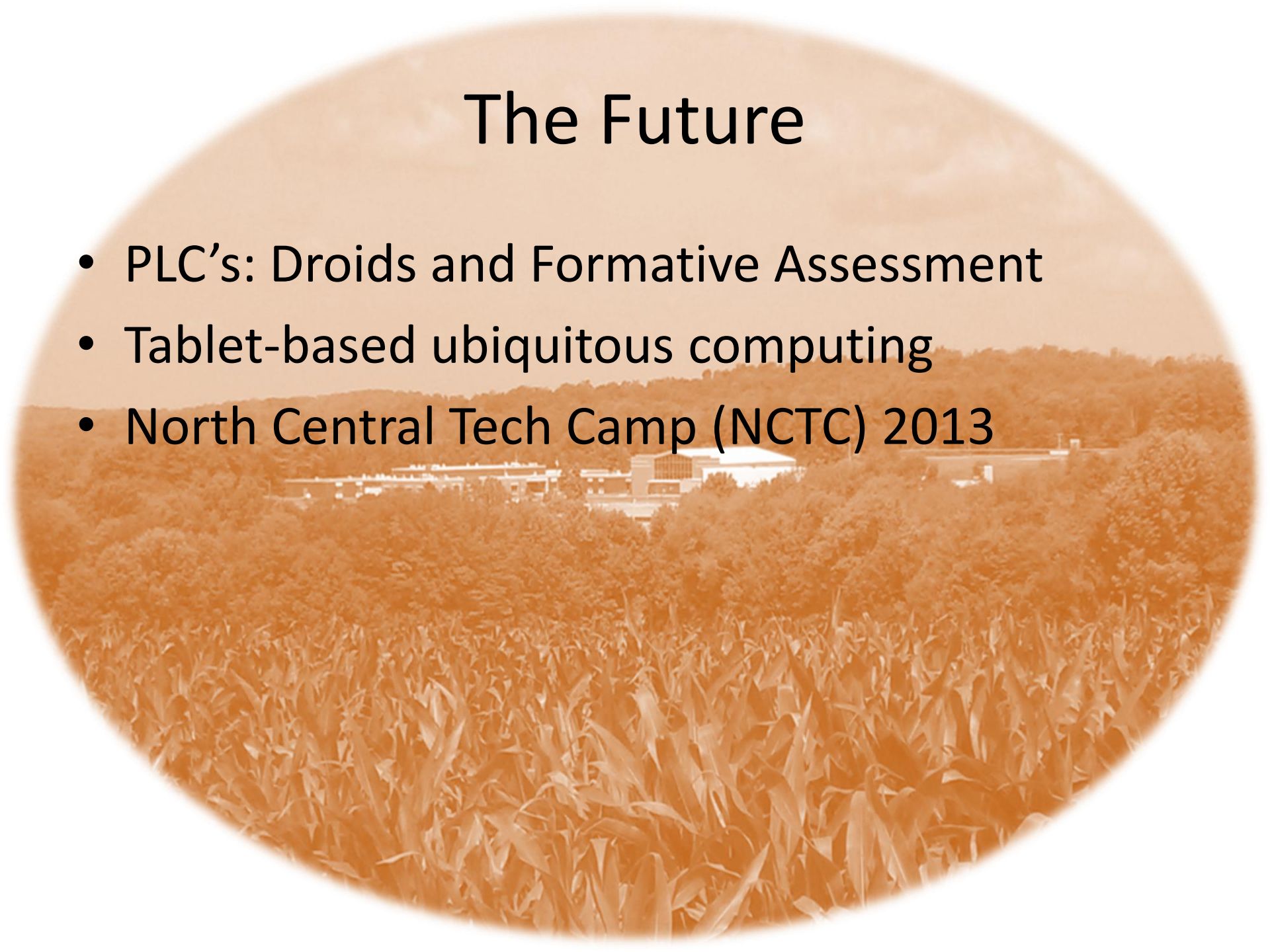


# MLD Leads to BYOD 2012

- Grades 7 through 12 register devices
- Devices are added to and monitored on the network
- Any device with internet capabilities
- Increased buy in by students in 2012
- Frees up resources for other students

# The Future

- PLC's: Droids and Formative Assessment
- Tablet-based ubiquitous computing
- North Central Tech Camp (NCTC) 2013





# State of Technology Fall 2012

- In-Building Cellular Service (3G)
- Aerohive Wireless Network (10+ MBPS down, 4+ Up).
- Edmodo Used by 80% of staff
- E-Backpacks in place soon
- 245 District-Provided MLD's
- 48 Registered BYOD's

# Resources

*[mldbbyod.blogspot.com](http://mldbbyod.blogspot.com)*

*[www.nopostudent.org](http://www.nopostudent.org)*

*[www.northernpottersd.org](http://www.northernpottersd.org)*

*[nctcpa.org](http://nctcpa.org)*

*Session Handouts*



# Let's Stay in Touch

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