

# ***Digital Learning***

**Charlotte-Mecklenburg Schools**

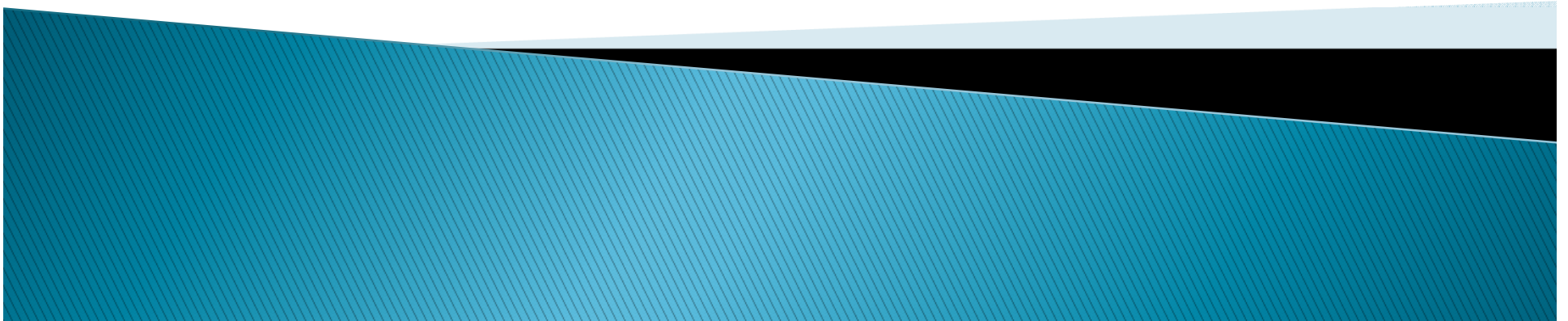
November 8, 2012

Dr. Valerie Truesdale, CIO

Mr. Eric Ward, Principal, West Mecklenburg High

Johnnie Montgomery, Senior

D'Asia Patterson, Sophomore



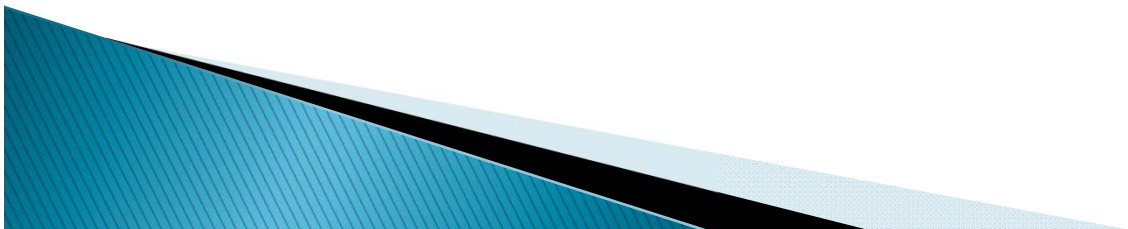
# Digital Learning in CMS

## **Standard technology in classrooms:**

3 desktop computer stations

## **New for 2012-13**

- ▶ iPad Initiative
- ▶ Bring Your Own Technology Pilot



# iPad Initiative

- ▶ Invested \$3.8 million in 4,000 iPads + Applecare
- ▶ *Innovation for Transformation* Grants were awarded to 73 schools (428 teachers) based on readiness assessment
- ▶ Scope varies, from kindergarten to high school, across all geographic areas



# Bring Your Own Technology Pilot

- ▶ 38 schools applied
- ▶ 21 schools selected for Phase One
- ▶ Based on school readiness and infrastructure



# Professional Development

Team of five trainers dedicated to instructional technology

- ▶ Group teaching
- ▶ Team teaching
- ▶ Co-teaching
- ▶ Modeling
- ▶ *Connect and Reflect* sessions share best practices by grant awardees and pilot sites



# School Level Support

- ▶ Varies, depending upon school resources
- ▶ 23 Technology Facilitators hired for high schools 2012-13
- ▶ Will be redirected for Power School training for 6-9 months



# Challenges

- ▶ Technology is now used for learning but soon will be tied to accountability
- ▶ On line testing in 2014, at specified times, protocols, and linked to teacher effectiveness

## High Stakes

- ▶ Must have reliable testing environment that is sustainable and scalable for 143,000 learners
- ▶ Infrastructure and equipment must be standardized now to be ready in 2014



# Challenges

- ▶ Need all schools upfitted to “good coverage” defined as ability for 30 students in a classroom to be on line at one time
- ▶ Initial assessment October 2013:  
15 of 159 schools have “good coverage”





# How can General Assembly help?

- ▶ Build awareness that infrastructure for wireless access is a basic need in 21<sup>st</sup> century, as important as other utilities such as lights and plumbing

*Infrastructure includes hardware, cabling, bandwidth, and access points to allow wireless devices to connect*



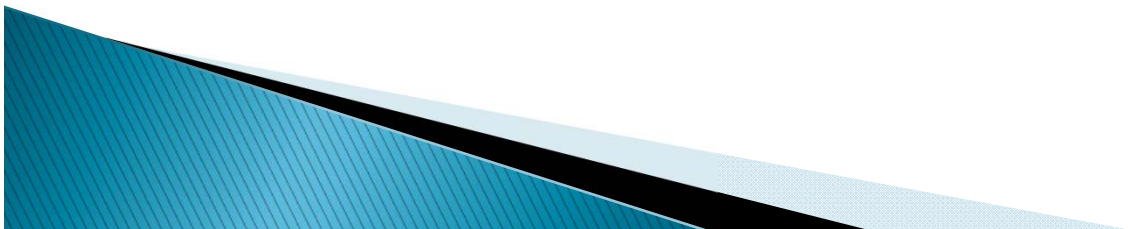
# How can General Assembly help?

- ▶ We need clarity on what devices and connectivity will be required for statewide on line testing in 2014 so we can prepare now.
- ▶ We need funding to support on line testing hardware needs.



# Authentic Voices

- ▶ Mr. Eric Ward, Principal, West Mecklenburg High
- ▶ Johnnie Montgomery, Senior
- ▶ D'Asia Patterson, Sophomore



**Thank you~**

**We appreciate being asked for input!**

