

NCTM 2015



# Using HMH Math Programs for Blended/Hybrid Learning in an LMS

# Welcome

**Michael Cesarano: Product Mktg. Mgr. - Digital**

**Aaron Levy: Content Specialist**

# Welcome

**Start with some context**

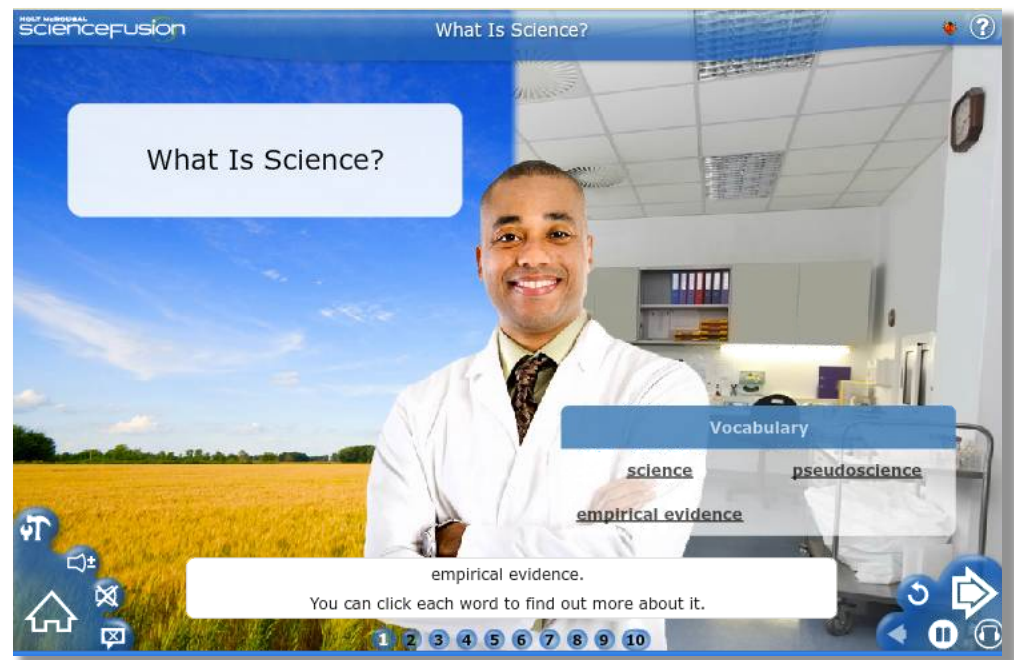
**Dive into the digital content**

- **Demonstrate HMH Digital Content in Buzz**

# Some Background on Digital Content in Learning

Includes various models

- Flipped Classroom





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- Flipped Classroom
- Blended/Hybrid Learning



# Some Background on Digital Content in Learning

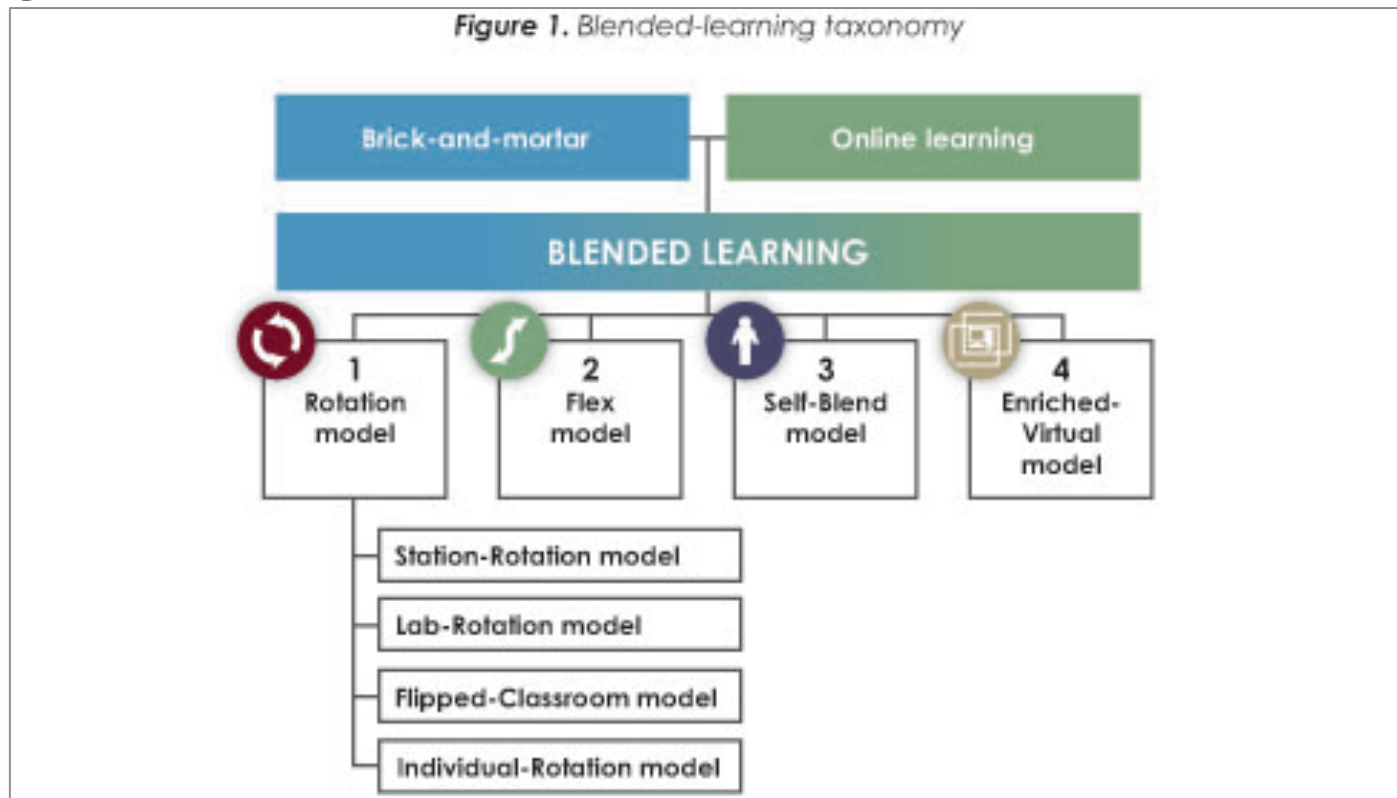
Includes various models

- Flipped Classroom
- Blended/Hybrid Learning
- Personalized Instruction



# Some Background on Digital Content in Learning

Innosight Classification:



# Purposes for Blended/Hybrid Learning

## Inclement Weather Days



# Purposes for Blended/Hybrid Learning

Inclement Weather Days





# Purposes for Blended/Hybrid Learning

Inclement Weather Days



# Purposes for Blended/Hybrid Learning

“It’s not about technology.  
It’s about instructional  
practice”

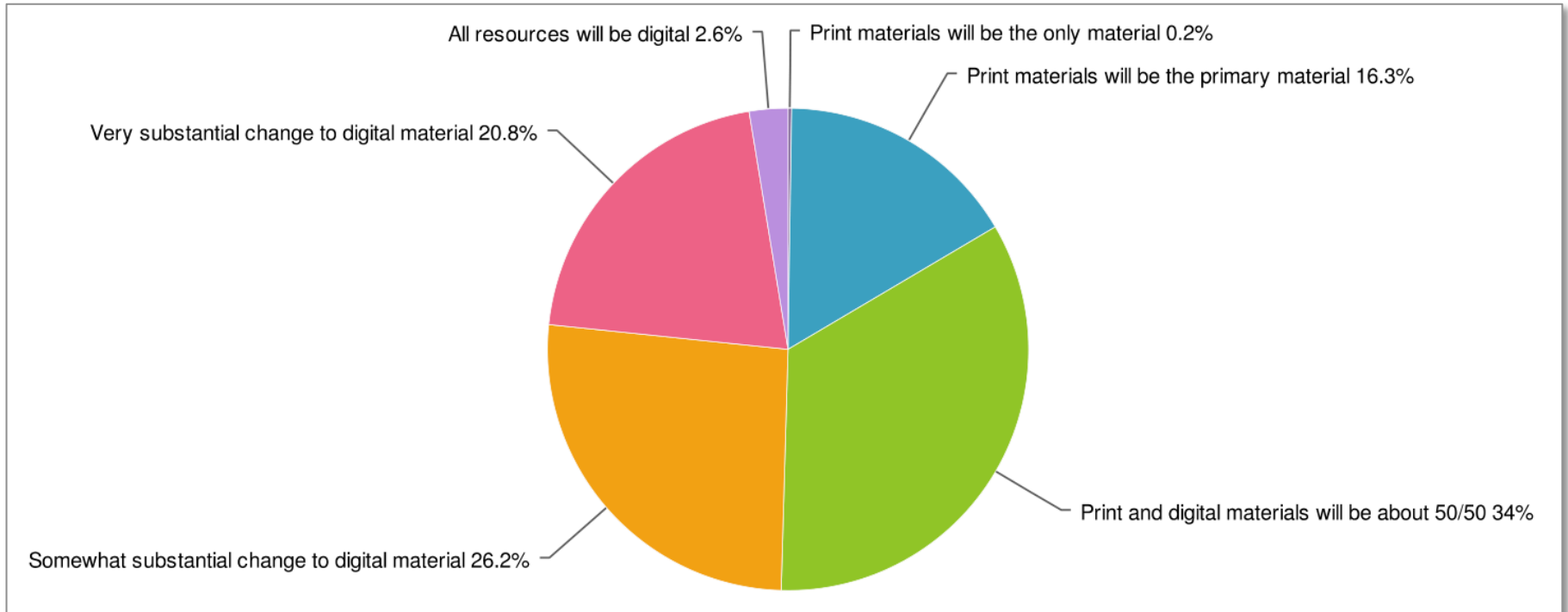
Judy Beard, principal  
Whittemore Park Middle School  
Horry County, SC



*iNACOL 2013 - Panicked about the transition to Common Core? Learn how blended learning is helping some schools address the new rigors of common core.*

## District IT Profiles:

- **84% expect instructional materials to be at least 50% digital within the next three years**



CoSN 2015 IT Leadership Survey Report

[http://cosn.org/sites/default/files/pdf/IT%20Leadership%20Survey%20Master%20Report\\_Final\\_1.pdf](http://cosn.org/sites/default/files/pdf/IT%20Leadership%20Survey%20Master%20Report_Final_1.pdf)

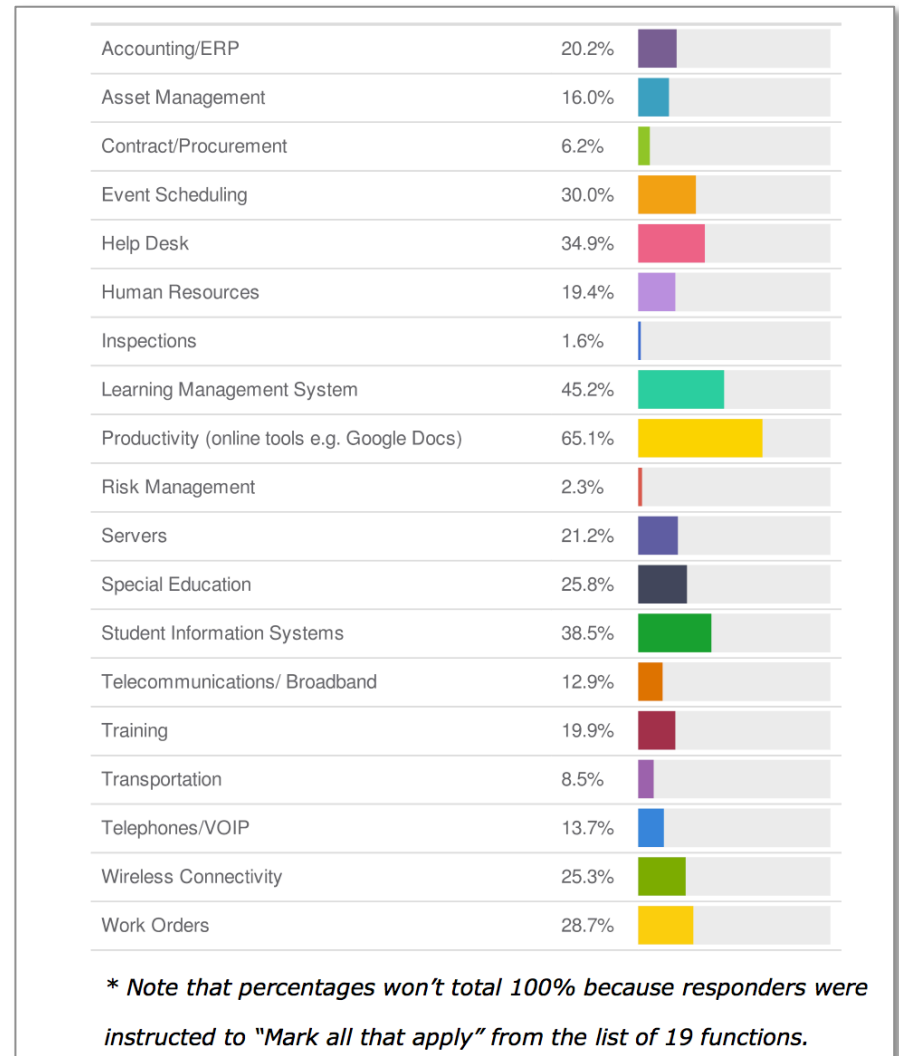


# District Use of Cloud Based Services:

**#1 - Productivity Tools**  
**65.1%**

**#2 – Learning Mgmt. Sys.**  
**45.2%**

**#3 – Student Info. Sys.**  
**38.5%**



CoSN 2015 IT Leadership Survey Report

[http://cosn.org/sites/default/files/pdf/IT%20Leadership%20Survey%20Master%20Report\\_Final\\_1.pdf](http://cosn.org/sites/default/files/pdf/IT%20Leadership%20Survey%20Master%20Report_Final_1.pdf)

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# HMH Digital Content

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# HMH Digital Content in an LMS

# Why Common Cartridge?



**IMS GLOBAL**<sup>TM</sup>  
Learning Consortium

- Approaching 200 members
- K12, Higher Learning, Content Providers, Technology Providers
- Robust technical standards that are responsive

# HMH Programs in Common Cartridge



**IMS GLOBAL**<sup>TM</sup>  
Learning Consortium

- Over 20 Programs in Common Cartridge
    - Robust technical standard
- Common Cartridge (CC)  
Learning Tools Interoperability (LTI)  
Question Test Interoperability (QTI)

# HMH Experience with LMS Providers

- Agilix Buzz
- Blackboard
- itsLearning
- SAFARI Montage
- Schoology
- more...



Houghton  
Mifflin  
Harcourt™

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Thank you