

Enhancing Education through the Use of Technology

*Update on the EETT Federal Grants and the State's
Plans to Support Learning*

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Digital Content Distribution

- ❖ How does instructional technology support and facilitate learning?
- ❖ What are “viral” and “Web 2.0” mechanisms for sharing content?
- ❖ What is the state’s role in leveraging and managing content sharing to benefit districts, teachers and students?

Technology Support for Teaching and Learning

❖ Components:

- ❖ Infrastructure and Support
- ❖ Access
- ❖ Learning Environment
- ❖ Assessments

❖ Special Focus:

- ❖ Access to digital content
- ❖ “Viral” systems that enable digital content sharing

Defining Terms

❖ Digital Content

- ❖ Single items, also called “assets”
- ❖ Examples: Videos, audio files, documents, images

❖ Learning Management System

- ❖ Provides access to digital content, lesson plans, best practices, calendars, and grade books
- ❖ Examples: CPALMS, Standards Database, Learning Village, Bright Beginnings, individual district or institution systems

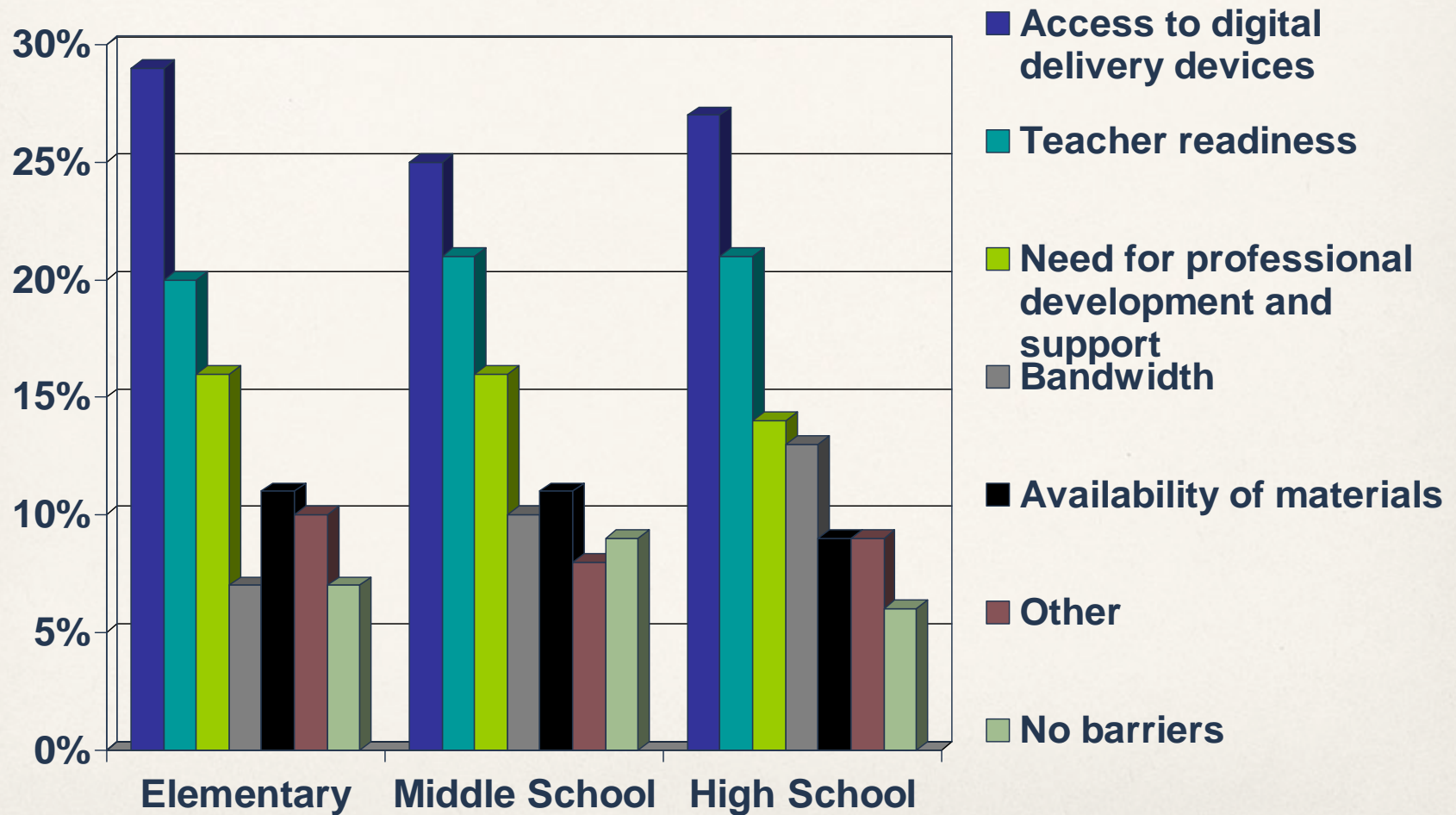
Defining Terms

- ❖ “Viral” systems enable:
 - ❖ Distribution of digital content
 - ❖ Collaboration and modification of digital content
 - ❖ Free access to the participant
 - ❖ Content shared is “public domain”

District Status with Viral Systems Used to Share Content

- ❖ Current Educational Uses in Florida School Districts
 - ❖ 49% allow for use of wikis
 - ❖ 36% allow for use of blogs
 - ❖ 30% allow access to digital content services
 - ❖ 22% allow access to photo sharing services
 - ❖ **60% have learning management systems**

Barriers to Digital Delivery of Content for Instruction



Status of Leading Countries in Viral Systems Use

- ❖ Australia - The Le@rning Federation

- ❖ Develops and distributes digital content for schools

- ❖ Singapore - iShare

- ❖ Framework for the sharing of digital resources among schools

- ❖ United Kingdom - Becta

- ❖ Establishes policies for learning platforms to share content

The Role of the State in Facilitating Content Sharing

❖ Key Considerations:

- ❖ How do we facilitate access to digital content?
- ❖ How do we work with current systems within DOE and school districts?
- ❖ How does the state leverage existing resources, including ARRA funds?
- ❖ How do we implement processes that are sustainable?

Florida Proposal: Sharing Content through an eLearning Framework

1. Develop standards for equipping a 21st century classroom
2. Develop a common vocabulary for digital content
3. Determine a metadata process for tagging digital content
4. Establish protocols for approving/vetting digital content
5. Examine the impact on teaching and learning

Benefits of the eLearning Framework

- ❖ **Benefits for teachers and learners:**
 - ❖ Supports individualized learning
 - ❖ Enhances data-driven instruction
- ❖ **Benefits to districts, schools and institutions:**
 - ❖ Enables faster, more flexible access to digital content
 - ❖ Makes collaboration easier

Discussion

Framework Steps	Timeframe	Cost
1. Develop standards for equipping a 21st century classroom	2009-10 School year	0
2. Develop a common vocabulary for digital content	2009-10 School year	0
3. Determine a metadata process for tagging digital content	2009-10 School year	0
4. Establish protocols for approving/vetting digital content	?	TBD
5. Examine the impact on teaching and learning	?	TBD