



# 2014 Digital Learning



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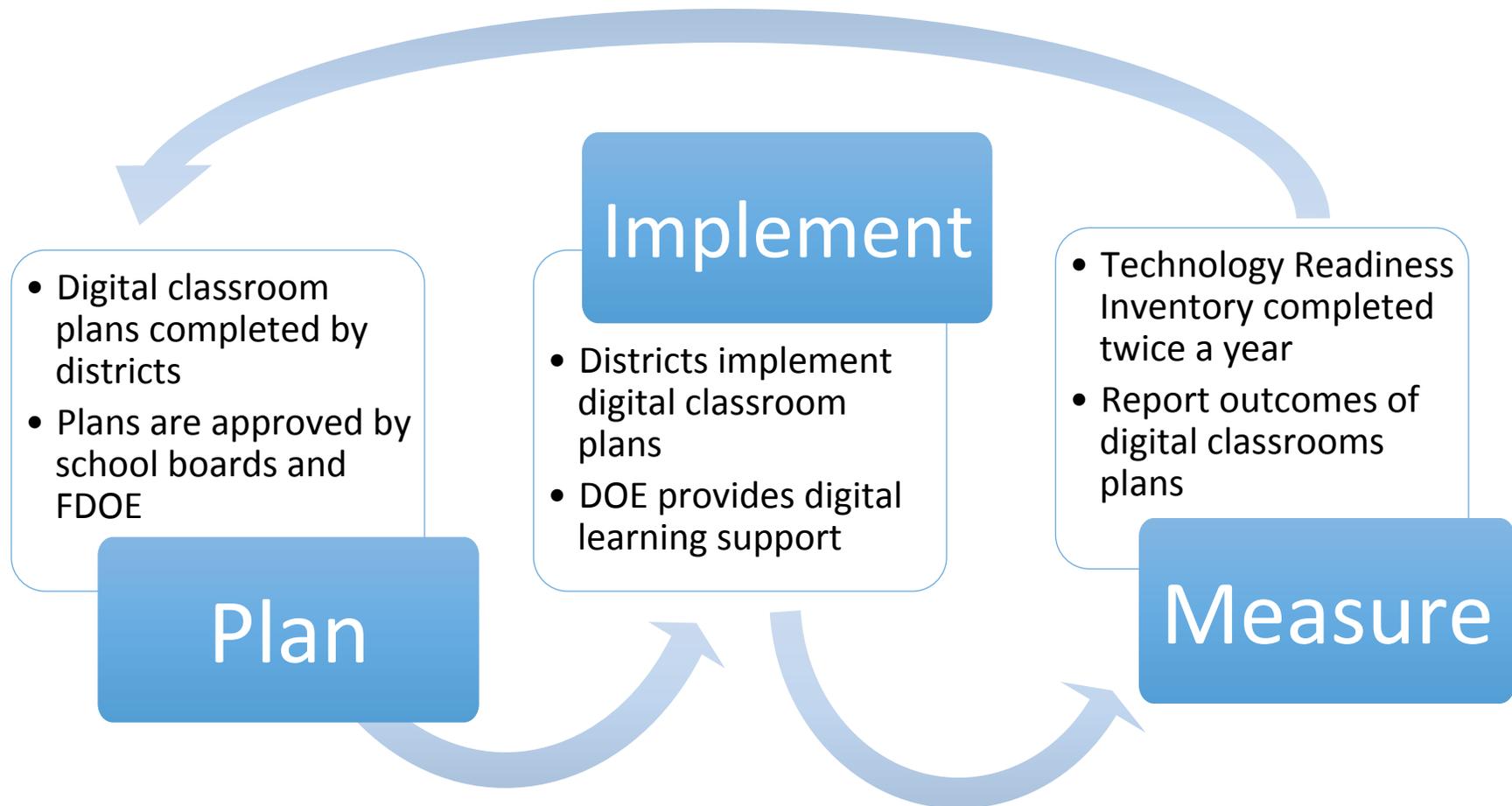


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**Ron Nieto**  
**Deputy Commissioner**  
**Division of Technology & Innovation**

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## Digital Learning 2014-15





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# Plan

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# House Bill 5101

## Digital Classrooms Plans

- State plan will establish parameters for district- and school-level infrastructure and digital learning tools
- District plans will be submitted by each district school board annually for approval to the DOE
- Plans are due October 1, 2014

# House Bill 5101

## Digital Classrooms Plans

FDOE will provide a template for the district plans.

Plans shall include:

- Measurable student performance outcomes
- Digital learning and technology infrastructure
- Professional development
- Digital tools
- Online assessment support

# House Bill 5101

## Digital Classrooms Plans

Districts should seek input from at least the following:

- Instructional staff,
- Curriculum staff, and
- Information Technology staff

# House Bill 5101

## Digital Classrooms Plans

For each section of the plan, districts should consider:

- What are the districts needs?
- What needs will be addressed through this allocation? What other funding sources are available?
- How will the plan be implemented? What are the deliverables?
- How will the district monitor the progress of the implementation?
- What will the success criteria be for each deliverable?



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# Implement

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# House Bill 5101

## Digital Classrooms Allocation

\$40 Million to school districts

- \$250,000 minimum for each district
- Remaining balance allocated based on unweighted student enrollment
- Provide funding for charter schools through the Florida Education Finance Program from the Florida digital classrooms allocation
- Directs virtual charter school sponsors to use the funds generated by the withholding fee of up to 5 percent to cover the costs of implementation of the school district's digital classrooms plan.
- Require school districts to expend the difference in funds provided for a student and the price paid for contracted services procured for implementation of the school district's digital classrooms plan

# House Bill 5101

## Digital Classrooms Plans

### Digital Classrooms Plan and Allocation Process (HB 5101)

- District superintendent approves digital classroom plan of each charter school (line 1506). The charter school plans do not need to be submitted to FDOE, just verification from the superintendent on which schools plans have been approved.
- Charter schools are entitled to a proportionate share of the allocation (line 1519). FLDOE Finance office can help districts calculate this amount.
- District School board submits the district Digital Classroom Plan by October 1 (line 1453).
- FDOE will approve the district plans (line 1511). Funds will not be released until the plan is approved by FDOE. (line 1511).
- Funding will be distributed to the districts with the semi-monthly FEFP payments. Amount will include the district portion, plus an amount for any charter school with a district approved plan.
- Funds will be recalculated during the fiscal year consistent with the FEFP (line 1517)

# Race to the Top – Professional Development Grant

2014-2015 Grant for districts Professional Development aligned with Digital Learning

- Each RTTT district is eligible for a \$75,000 grant
- Seven types of professional development projects have been identified:
  - Support for the evaluation of classroom integration using the Technology Integration Matrix (TIM)
  - An Array of High Quality Master Inservice Plan (MIP) Components Supporting Digital Learning
  - Learning Links: Digital Learning Support Resources
  - Expert’s Conversations on Digital Learning
  - School based Book Studies and Lesson Studies on Digital Learning
  - Student Projects using Digital Resources
  - Professional development aligned with:
    - Developing Digital Content
    - Employing technology in the Content Areas.
    - Educational technology leadership and management.



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# Measure

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# Technology Readiness Inventory

## Fall 2013-District Report



Pam Stewart  
Commissioner of Education

### 2013-2014 District Technology Resource Inventory

#### Sunshine Coast District

District Final Student FTE Counts	District Total Classrooms
<a href="#">27239.76</a>	1749

Internet Service Provider				Number of Wireless Access Points (WAPs) used in a classroom setting	Percent of Classrooms meeting wireless specifications	District Wide Area Network (WAN) Bandwidth Type	No wireless at all
<b>Primary</b>	<b>Mbps</b>	<b>Secondary</b>	<b>Mbps</b>			611.00	88 %
GRUCOM	400					Is District Area Network Owned or Leased by district?	Leased
<b>School District Website</b>							
<i>Not collected on inventory</i>							

District Student Instructional Computers Meeting <a href="#">Device Specifications</a>	
Student Instructional Desktop Computers Meeting Specifications:	7727
Student Instructional Mobile Computers (laptops, netbooks, ultrabooks) Meeting Specifications:	1084
<b>Grand Total of Computer Devices Meeting Specifications In All Schools:</b>	<b>8811</b>

District Overall Students per Instructional Computer Ratio that Meet Device Specifications: 3.09

# Technology Readiness Inventory

## Fall 2013-School Report



Pam Stewart  
Commissioner of Education

### 2013-2014 Technology Resource Inventory

#### Sandy Beach High School

Final Student FTE Count	Total Classrooms
<a href="#">1281.28</a>	95

Internet Service Provider	Number of Wireless Access Points (WAPs) used in a classroom setting	Percent of Classrooms meeting wireless specifications	Type of Bandwidth: Dedicated or Shared	Dedicated
<ul style="list-style-type: none"> <li>District Wide Area Network (WAN)</li> </ul>	46	100 %	<b>Internet Connection Type to District WAN and Speed in Mbps:</b>	
<b>School Website</b>			<b>Fiber:</b>	100
<a href="http://www.sbac.edu/pages/ACPS">http://www.sbac.edu/pages/ACPS</a>			<b>Copper:</b>	0
			<b>Wireless:</b>	0
			<b>Other:</b>	0

Student Instructional Computers Meeting <a href="#">Device Specifications</a>	
Student Instructional Desktop Computers Meeting Specifications:	527
Student Instructional Mobile Computers (laptops, netbooks, ultrabooks) Meeting Specifications:	300
<b>Grand Total of Computer Devices Meeting Specifications:</b>	<b>827</b>

<b>Students per Instructional Computer Ratio that Meet Device Specifications:</b>	<b>1.55</b>
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Students per Instructional Computer Ratio is based on the school's full-time equivalent student (FTE) calculation divided by the total student devices total



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## Instructional Materials

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## House Bill 5003

### Instructional Materials-Technology

- 165 million shall be available for districts to purchase instructional content and devices, equipment, and infrastructure
- Districts shall certify to commissioner an expenditure plan for purchase of instructional content and technology
- If any funds are to be used for technology, district must:
  - Certify that instructional content necessary for instruction is available
  - Include an expenditure plan for purchases
  - Demonstrate alignment of technology purchases with minimum or recommended technology requirements

## 1003.4203 Digital Materials

- 1003.4203 Digital materials, CAPE Digital Tool certificates, and technical assistance
- <https://flsenate.gov/Laws/Statutes/2014/1003.4203>

DIGITAL MATERIALS.—Each district school board, in consultation with the district school superintendent, shall make available digital materials, CAPE Digital Tool certificates, and CAPE industry certifications for students in prekindergarten through grade 12 in order to enable students to attain digital skills. The digital materials, CAPE Digital Tool certificates, and CAPE industry certifications may be integrated into subject area curricula, offered as a separate course, made available through open-access options, or deployed through online or digital computer applications.

CAPE DIGITAL TOOL CERTIFICATES.— The department shall identify, by June 15 of each year, CAPE Digital Tool certificates that indicate a student’s digital skills. The department shall notify each school district when the certificates are available. The certificates shall be made available to all public elementary and middle grades students.

(a) Targeted skills to be mastered for the certificate include digital skills that are necessary to the student’s academic work and skills the student may need in future employment. The skills must include, but are not limited to, word processing; spreadsheets; presentations, including sound, motion, and color presentations; digital arts; cybersecurity; and coding consistent with CAPE industry certifications that are listed on the CAPE Industry Certification Funding List, pursuant to ss. [1003.492](#) and [1008.44](#). CAPE Digital Tool certificates earned by students are eligible for additional full-time equivalent membership pursuant to s. [1011.62\(1\)\(o\)1.a](#).

## TECHNICAL ASSISTANCE.—

(a) The Department of Education shall collaborate with Florida educators and school leaders to provide technical assistance to district school boards in the implementation of this section. Technical assistance to districts shall include, but is not limited to, identification of digital resources, primarily open-access resources, including digital curriculum, instructional materials, media assets, and other digital tools and applications; training mechanisms for teachers and others to facilitate integration of digital resources and technologies into instructional strategies; and model policies and procedures that support sustainable implementation practices.

## **1006.40 Use of instructional materials allocation; instructional materials, library books, and reference books; repair of books.**

Beginning in the 2014-2015 fiscal year, each district school board shall use at least 50 percent of the annual allocation, and may use all of the allocation, for the purchase of digital or electronic instructional materials that are consistent with district goals and objectives and the course descriptions adopted in rule by the State Board of Education, align with the state standards provided for in s. 1003.41, and meet the requirements in s. [1006.31](#). This section does not apply to a district school board or a consortium of school districts which implements an instructional materials program pursuant to s. [1006.283](#), except that by the 2015-2016 fiscal year, each district school board shall use at least 50 percent of the annual allocation for the purchase of digital or electronic instructional materials that align with state standards.

## 2014 State Adoption of Instructional Materials

- This year all ELA materials approved for the Florida state adopted list are in digital or electronic format.
- The adopted list can be accessed at:  
[http://www.fldoe.org/bii/instruct\\_mat/pdf/1314aim.pdf](http://www.fldoe.org/bii/instruct_mat/pdf/1314aim.pdf)

## **UDL** (Universal Design Language) **requirements**

- For the 2015 adoption publishers have a new UDL questionnaire to complete
- This will be accessible to reviewers and made available to districts
- There are specific questions in the review rubric related to UDL
- Addresses access to digital/electronic materials for all students

## UDL Questionnaire

How are both flexibility and student choices provided for the following **presentation features** in the instructional materials:

- Fonts:
  - Type and size.
  - Colors and background colors can be adjusted.
- Background: High contrast color settings are available.
- Text-to-speech tools
- All images have alt tags.
- All videos are captioned.
- Text, image tags, and captioning sent to refreshable Braille displays.

## UDL Questionnaire

- How are the following **navigation features** provided in the instructional materials:
  - Non-text navigation elements (buttons, icons, etc.) can be adjusted in size.
    - All navigation elements and menu items have keyboard shortcuts.
    - All navigation information can be sent to refreshable Braille displays.
- How are the following **study tools** provided in the instructional materials:
  - Highlighters are provided in the four standard colors (yellow, rose, green, blue).
  - Highlighted text can be automatically extracted into another document.
  - Note taking tools are available for students to write ideas online; as they are processing curriculum content.

## UDL Questionnaire

- Which of the following **assistive technology supports, by product name**, have you tested for use with the instructional materials:
  - Assistive technology software can be run in the background. Examples include:
    - Magnification
    - Text-to-speech
    - Text-to-American Sign Language
    - On-screen keyboards
    - Switch scanning controls
    - Speech-to-text
- For students with special needs who require paper materials based upon the IEP, how are the materials provided for students currently not able to access digital materials?



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