LMS to Support Instruction

Race to the Top
A Closer Look

FLDOE Statement

- Florida will leverage current statewide technology efforts and the momentum generated by improvements in access to and availability of the data and applications to promote the acquisition, adoption, and use of local instructional improvement systems and to provide professional development by:

  – Facilitating the acquisition and implementation of Local Systems through collaboration and exchange of ideas, systems, and implementation services by creating the Local Systems Exchange [refer to (C)(3)(i)]; and

  – Expanding proven professional development processes that teach stakeholders how to access and use data to inform instruction and decision-making [refer to (C)(3)(ii)].

(C)(2) – Key Highlights

- Centralize access to data and applications through a user-friendly portal.

- Deliver just-in-time, actionable information to education stakeholders for analysis and decision-making.

- **Outcome:** By 2012, create a centralized portal to serve as the gateway to publicly accessible information, and to secure confidential applications via single sign-on.

- In consultation with LEAs, **FDOE created a high-quality, four-step plan to modernize and expand access to its data and applications** by education stakeholders and successfully secured the funding and resources to implement three of the steps. The crucial fourth step will be realized with funds from RTTT.
  - Step 1 – Modernizing Florida's vital data source systems to enable more timely access to the data for analysis and reporting through the EDW and by applications.
  - Step 2 – Implementing Information Governance to encompass data, program, and technology governance to ensure data quality.
  - Step 3 – Automating the process for gaining access to student- and staff-level data by researchers.
  - **Step 4 – Creating a centralized, user-friendly portal with single sign-on access to serve teachers in the classroom, principals, students, parents, guidance counselors, LEA leaders, unions, researchers, policy makers, education community members, and the public.**

FLDOE Statement

- The outcome of the plan will be the creation of a student-centered environment where teachers and principals can easily integrate data analysis and applications in the classroom to improve teaching and learning.

- In this environment, teachers and principals will have just in-time access to *actionable information* about assessments, standards, instructional resources, evaluations, and professional development in the form of dashboards, customizable reports, and applications to make decisions.

- *Actionable information* is easily accessible, timely, relevant to the user, and complete. The four-step plan will enable FDOE to leverage the foundation of the EDW applications, and the existing technology environment to provide this actionable information to teachers, principals, LEA leaders, parents, and education community members.

FLDOE RTTT Activity

- FDOE will complete two major tasks to provide central access to data and applications through the portal.

    - **The user-friendly portal**.

    - **Single sign-on access**

    - The portal design will be intuitive by allowing users to easily navigate to their desired resources without requiring any special training or tools. The portal will also be fresh and sustainable, allowing for frequent updates to the content, data, reports, and resources available to users both quickly and inexpensively.

    - **Single sign-on access will be provided** to authorized users for confidential data and applications. FDOE will implement an identity management component to manage user information from across the state.

RTTT Activity Cont.

- FDOE will integrate a total of six applications into the portal for single sign-on access through RTTT. The applications listed were chosen based on LEA feedback and to implement RTTT initiatives in other assurance areas. They include:

    – Teacher Standards Instructional Tool – Web-based access to standards information, course details, and standards-aligned instructional resources [refer to (B)(3)]

    – K-12 Interim Assessment System for Reading – K-12 computer-based interim assessment system for reading [refer to (B)(3)]

    – FACTS.org – online college and career advising tool for students and parents

RTTT Activity Cont.

- Interim Assessment Item Banks and Test Platform – computer-based system to include item/task banking, test builder, fixed form or adaptive test-delivery; and computer or paper-based functionality [refer to (B)(3)]

- eIPEP – Web-based collection and analysis of candidate and completer performance data from educator preparation institutions [refer to (D)(4)]

- FloridaSchoolLeaders.org – Web-based interactive tools and resources for teacher and principal leadership development [refer to (D)(5)]

Timeline

- During Year 1 of the grant, FDOE will establish the Data Implementation Committee to provide critical input throughout the design and implementation phases of the portal and single sign-on solution.

- FDOE will augment its existing technology environment by completing the system installations and support processes required to implement the portal and single sign-on.

- Single sign-on will be implemented with maximum consideration of the input from the Data Implementation Committee

Timeline Cont.

- During Year 2 of the grant, FDOE will use feedback from the Data Implementation Committee to design and implement the portal.

- Once the portal is implemented, FDOE will integrate LEA user account information and the applications accessible via single sign-on in a phased approach.

Timeline

2010 – 11	2011 - 12	2012 – 13	2013 - 14
Establish Data Implementation Committee	Design and implement portal		Revisit and improve portal
Implement identity management enhancements	Integrate the user account information for 33% of LEAs	Integrate the user account information for 67% of LEAs	Integrate the user account information for the remaining LEAs
Implement single sign-on solution	Integrate two applications for single sign-on access via portal: 1. Teacher Standards Instructional Tool 2. K-12 Interim Assessment System for Reading	Integrate two applications for single sign-on access via portal: 3. FACTS.org 4. Interim Assessment Item Banks and Test Platform	Integrate two applications for single sign-on access via portal: 5. eIPEP 6.FloridaSchoolLeaders.org

FDOE Deliverables

- LEAs and schools will have access to a system that will include item banking, test builder, and adaptive test-delivery platform functionality to assist in administering interim assessments.

- LEAs may also employ this system in designing pre- and post-test measures that result in reports demonstrating effectiveness for use in teacher evaluation systems [refer to(B)(3)].

- FDOE will publish reports using both qualitative and quantitative data that evaluates the success of the principal preparation programs [refer to (D)(4)].

- LEAs will have access to student- and staff-level data transferred via a secure mechanism that will allow the LEAs to feed the information directly to their Local Systems.

Deliverables Cont.

- LEAs will use this data for local research and to further enhance Local Systems for teachers in the classroom. Through RTTT, FDOE will make the following data available for secure download and feed to LEA Local Systems:

- 1. Assessment data – interim and summative

- 2. Student performance data – elementary, middle, and high school

Deliverables Cont.

- 3. Acceleration data – Advanced Placement, International Baccalaureate, Advanced International Certificate of Education, and Dual Enrollment

- 4. College Readiness data – SAT, ACT, and Florida Postsecondary Education Readiness Test

- 5. Postsecondary outcomes data – postsecondary enrollment, persistence, and completion

- 6. Teacher certification data – certification and highly qualified

(C)(3) – Key Highlights

- Equip every LEA in Florida with Local Systems.
- Train every school in Florida on the state's proven Data-Driven Instructional Process.

- During the 2010 legislative session, House Bill 5101 passed, encouraging LEAs to provide access to Local Systems for teachers, students, and parents.
- FDOE's RTTT MOU with participating LEAs is equally bold in requiring LEAs to acquire a Local System if they do not currently have one. Section 1008.35(1)(a), F.S., makes the Commissioner of Education is responsible for "sponsoring research and development activities designed to provide information about educational needs and the effect of alternative educational practices."

Highlights Cont.

- **Initiative: Increase acquisition and implementation of Local Systems that meet minimum standards.**

- **Outcome: By 2014, equip all participating LEAs with Local Systems that meet minimum standards.**

RTTT Activity: Through RTTT, FDOE will work with the Data Implementation Committee to develop a set of minimum standards for Local Systems to ensure that LEAs implement systems that meet stakeholder needs for access to and use of data to inform instruction in the classroom, operations at the school and LEA, and research. These standards will establish a baseline of features and functionality the system must have and will provide valuable guidance and direction to LEAs during the acquisition (exchange, development, or procurement) and implementation processes.

Timeline

- **During Year 1 of the grant, FDOE will engage extensively with the Data Implementation Committee to develop and publish** a set of minimum standards for Local Systems.

- During Year 2 of the grant, FDOE will monitor implementation of Local Systems through an annual technology survey and grant reporting from the LEAs. This will allow FDOE to determine compliance with the terms of the grant, the RTTT MOU, and the impact of the Local Systems Exchange.

- During Years 3-4 of the grant, monitoring of the implementation of Local Systems per the RTTT MOU. During Year 4 of the grant, FDOE will revisit the minimum standards for Local Systems with the Data Implementation Committee to reflect lessons learned through RTTT.

C (3)ii.

- *(ii) Support participating LEAs (as defined in this notice) and schools that are using instructional improvement systems (as defined in this notice) in providing effective professional development to teachers, principals and administrators on how to use these systems and the resulting data to support continuous instructional*

Discussion

- RTTT provides us with Timelines and Framework

- Implementation Committees
  https://app1.fldoe.org/Communications/Forms/RaceToTheTopCommittees.aspx

- Additional Questions

  – Quality of FDOE supplied components

  – Duplication of effort

- Web Presentation Section C

http://www.fldoe.org/arra/pdf/frrrdtaw.pdf