Louisiana Believes

Moving Educational Technology Forward
January/February 2017 Teacher Leader Collaboration

DEPARTMENT of
EDUCATION

Agenda

I. Education Technology Workgroup
II. E-Rate Updates
III. Technology Planning
IV. Next Steps

Education Technology:

Developing State, Regional, District and School Leaders

Educational Technology Workgroup

New Educational Technology Advisory Group Being Formed

The Educational Technology Advisory Group, comprised of district IT and education technology staff, will assist in the development, review, and implementation of new education technology resources and to develop and review guidance to meet the technology needs of schools as they expand resources for schools in a 1:1 learning environment.

E-mail edtech@la.gov if you would like to volunteer.

E-Rate:

The Story Continues

E-Rate Key Dates

- **Mid-January:** E-Rate entity validation spreadsheets have been sent out.
- **January 26 –** USAC profile notification deadline for districts who made changes to any of their school profiles after July 21, 2016.
- **February 15:** All changes and updates on your E-Rate entity spreadsheet due back to LDOE (edtech@la.gov)
- **February 16:** Final LDOE Entity validation spreadsheet submitted to USAC for EPC upload
- **Mid-Late February:** school systems should verify that all entity profile information in the EPC system matches the LDOE's entity validation spreadsheet
- **FY 2017-18 E-Rate Filing Window -** The FY 17-18 E-Rate filing window is being pushed back to accommodate profile changes and uploads. LEAs are encouraged to begin their procurement processes and filing their Form 471s as soon as possible and not to wait on the window opening.

E-Rate

- [FRN Status Tool Available](#)

- [Entity Download Tool](#)

- FY 2016 Form 500s must now be filed in EPC. If you filed a paper form after the Form 500 came online. You will need to resubmit that information in the online form. USAC should be reaching out to effected applicants through the EPC portal.

- Profile Updates

  Last week, USAC sent an email to applicants who made changes to their profiles after July 21, 2016 notifying them that our updates would overwrite those changes. Those applicants now have until January 26 to inform us that they do not want us to proceed with their changes. Applicants who did not make changes, should received an email informing them that USAC has made their updates and they can begin their verification process. If no changes were made, no action is required.

Education Technology:

Creating Digitally Interactive, Engaging and Participatory Classrooms First Starts with a Plan
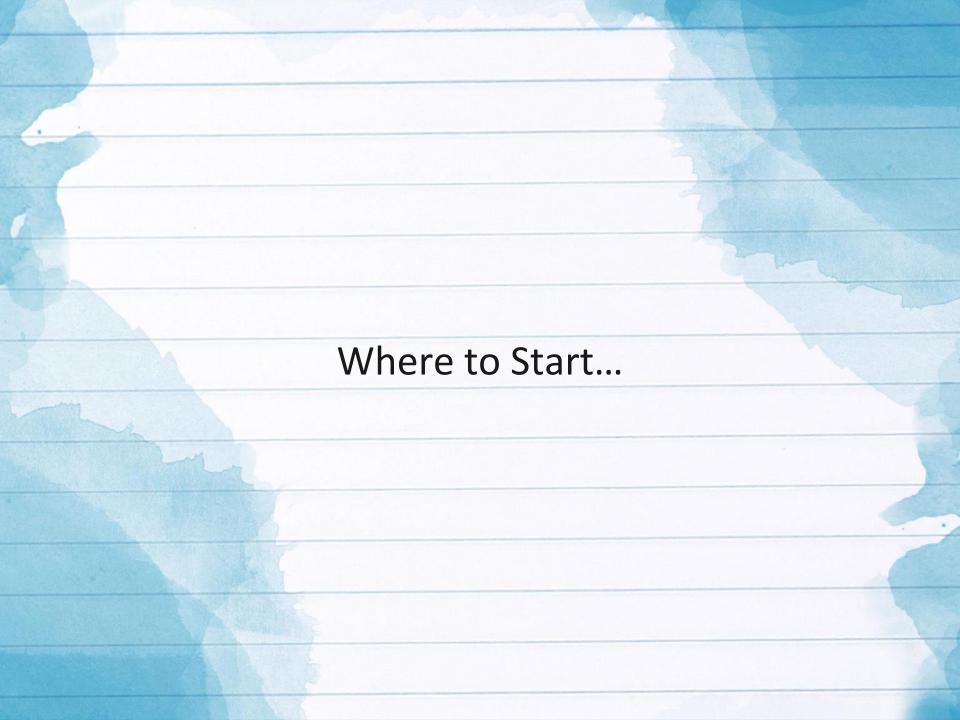
District/School Technology Plans

Current State of Technology Planning:

- Traditional technology plans are no longer required by the State for federal grants or for E-Rate funding

- Most district's current technology plans expire in June 2017

- We know it is a best practice to develop and maintain a roadmap with targeted achievement and analyzation points to ensure your district and school are meeting the learning needs of students.

- Under the new Every Student Succeeds Act (ESSA), schools and school systems are required to develop and implement plans that address student achievement and school quality. These plans should include specific targets for student and educator engagement, school climate, access to and completion of advanced coursework, and postsecondary readiness.

Meaningful Planning Requires

- Practical, actionable information which will help school system leaders (superintendents, principals, and teachers leaders) navigate the many decisions required to deliver cutting-edge connectivity and meaningful digital instruction to students.

- It should include a variety of options for school system leaders to consider when making digital learning, technology infrastructure, professional learning and support decisions, recognizing that circumstances and context can vary greatly from school to school within a district.

- Planning should include a leadership team, input from stakeholders, analysis of gaps, strategies for addressing gaps and future growth, communicating the plan, and regular ongoing review of progress measures and updates to the plan in order to address the changing needs of students, teachers and administration.

Where to Start…

Core Areas to Consider

- Curriculum, Instruction, and Assessment

- Learning Environment and Availability

- Robust Infrastructure and Devices

- Professional Learning

- Data Privacy and Security

- Partnerships

- Budget and Resources

State Level Education Technology Goals

- **Robust Infrastructure and Devices**

  Create and maintain robust, affordable school networks and infrastructures that allow students and educators to maximize the potential of technology for improving academic achievement and preparing students for college and career goals

  - **Device Access**
    - All local school systems will achieve a minimum 5:1 student-to-computer ratio of devices that meet minimum technology specifications by 2017-18 and will expand upwards to a minimum 3:1 or 1:1 ratio by 2021-22.

  - **Broadband and Network Services**
    - All local school systems will achieve the 2017-18 short-term goal of 100 Kbps per student Internet capacity and 1 Gbps school network capacity.
    - All local school systems will achieve the mid-term goal of 1 Mbps per student Internet capacity and affordability targets set by the FCC to support 1:1 learning
    - Expand connectivity and access to online educational resources through public, private and public-private partnerships

State Level Education Technology Goals

- **Curriculum, Instruction, and Assessment**
  - Expand student-centered, technology-driven instruction.
  - Expand the effective use of quality digital resources, tools and data to personalize learning, improve college- and career-ready instruction, and increase student achievement
  - Increase adoption of high-quality digital applications, electronic resources, and information in all local school system

- **Learning Environment and Availability**

  Provide all students with continuous access to a personal, portable device with wireless Internet connection.

- **Professional Learning**

  Train teachers to transform and adapt their instructional practices to the new mobile digital classroom model.

- **Data Privacy and Security**

  Implement measures to ensure Internet safety and security of students.

Refining Our Current Goals to Actionable Strategies

Curriculum, Instruction, and Assessment

- How do we couple curriculum, instruction, and assessment to be tightly aligned while still engaging students in 21st Century, personalized, technology-enabled, learning?

- How do we select, adopt and implement quality digital resources and tools?

- How should teachers integrate technology into instruction while ensuring its use adds to the value of learning and quality of instruction?

- What is the right depth and breadth of materials to ensure deeper learning and real world problem solving .

- What is the "right amount" of data we need to inform instructional practices?

- Can we provide real-time assessment data and/or feedback for instructional decision-making?

Refining Our Current Goals to Actionable Strategies

Learning Environment and Availability

Mobile, digital, personalized learning requires changes in the way classroom spaces are designed, where instruction takes place and how instructional time is used.

- How do we provide all students anytime, anywhere learning opportunities?

- How should our classrooms be designed to support learning?

- What policies need to be amended, added, or removed to support new methods and environments for learning?

Refining Our Current Goals to Actionable Strategies

Robust Infrastructure and Devices

- Is learning driving what technology is being used? Or is the technology that is being selected driving, limiting and/or defining instruction?

- How do we ensure technology is being used as part of a comprehensive educational strategy?

- How do we ensure the quality and availability of Devices for all students?

- How do we build, maintain, and ensure a robust network infrastructure over time and as technology continues to evolve?

- How do we plan and ensure adequate and responsive support?

- Do we have a formal process for reviewing, replacing and updating hardware, software, and network resources?

Refining Our Current Goals to Actionable Strategies

Data Privacy and Security

- What are our current policies and procedures that ensure privacy, safety and security of data collection, storage, analysis, sharing, archiving, etc..?

- Is the right data informing our decision making

- How literate are our teachers and administration in using data?

- What systems, software and procedures do we have in place to mitigate any and all cyber security threats?

- How do we balance data privacy and security concerns against ensuring students have access to quality online digital resources, materials and tools?

- What is the current data culture of our schools?

Refining Our Current Goals to Actionable Strategies

Partnerships

Partnerships should include formal and informal local and global community connections, collaborative projects, and relationships that advance the school's and school system's learning goals.

- What current partnerships does my schools and school system have?

- What other partnerships both local, state or globally would benefit my school and school system?

- How are we engaging the local community in expanding digital mobile learning both in and out of school?

- What partnerships are needed to advance anywhere, anytime learning?

- How might we change business practices today through partnerships or shared services to improve educational outcomes for students?

- How are we working with the community to expand affordable digital access to the home for all students?

Refining Our Current Goals to Actionable Strategies

Professional Learning

Technology and digital learning is not just for students. It should also be expanding access to high-quality, ongoing, job-embedded opportunities for professional learning for teachers, administrators, and other education professionals.

- How are we sharing both ownership and responsibility for professional growth?

- How are we communicating and expanding 21st century skill sets?

- How are we providing diverse opportunities for professional learning through technology

- How do we evaluate current teacher, administrator and other education professionals level of understanding and effective implementation of 21st century instruction and support to guide their professional learning?

Budget and Resources

Budget and Resources

The transition and on-going support and improvement of digital learning requires strategic short-term and long-term budgeting and leveraging of resources.

- Which efficiency and cost savings have we or other schools/school systems implemented in the past? And what level of success did these measures deliver?
- How is our current budget and resources aligned to district and school digital learning goals and what changes do we need to implement?
- Do we have consistent funding streams and if not, what is our plan to ensure sustainability of digital learning goals?
- How do we assess and communicate learning return on investment to stakeholders and the community?

Where to Start

District Planning Process

- Identifying the right team to participate in the planning process

- Identifying key internal and external resources

- Communicating and defining educational technology

- Identifying current educational technology goals for both the school(s) and school system

- Assessing the current state of digital learning as a component of overall learning

- Developing both a plan and a review process for measuring and analyzing results

RESOURCES

- National EdTech Plan (NETP)

- Making Digital Learning Accessible for All Students

- LEAP Learning Framework for Personalized Learning

- 1:1 Change Management Guide

- A Path to the Future: Creating Accountability for Personalized Learning

- ISTE Standards for Students, ISTE Standards for Teachers

- Teaching in the Connected Learning Classroom

- Six Keys to a Classroom Makeover

- Future Ready Schools

- http://digitallearning.setda.org/

- K–12 Total Cost of Ownership (TCO)

Communication

District Support

EdTech**@**
- All stakeholders are encouraged to email educational technology questions and/or concerns to edtech@la.gov.

Assessment@
- All stakeholders are encouraged to email assessment and accountability questions and/or concerns to assessment@la.gov.

Assessment Hotline
- For immediate assistance regarding assessment and accountability, district-level staff may call the Assessment Hotline at 1-844-268-7320.

Next Steps

Date	Topic
Nov. 2016 – Feb. 2016	Complete RFP Process & Form 470s
Dec. 5, 2016	Complete TRT submissions
Dec. 7-9, 2016	LACUE Conference in New Orleans
Dec. 9: Baton Rouge Dec. 12: Jefferson Dec. 13: Lafayette Dec. 15: North LA	Quarterly Teacher Leader, Supervisor and Principal Collaboration Events
Jan. 6, 2017	Deadline to notify LDE of new entities which will receive E-Rate funding in 2017-18 and be included within the Entity Validation Spreadsheet
Late January	Confirm LDE Entity Validation Spreadsheet *(entities – both school, programs and NIFS, student counts, NSLP counts, and CEP)*
January – March	Estimated E-Rate Filing Window