Utah Digital Teaching and Learning

Innovating and Transforming Classrooms

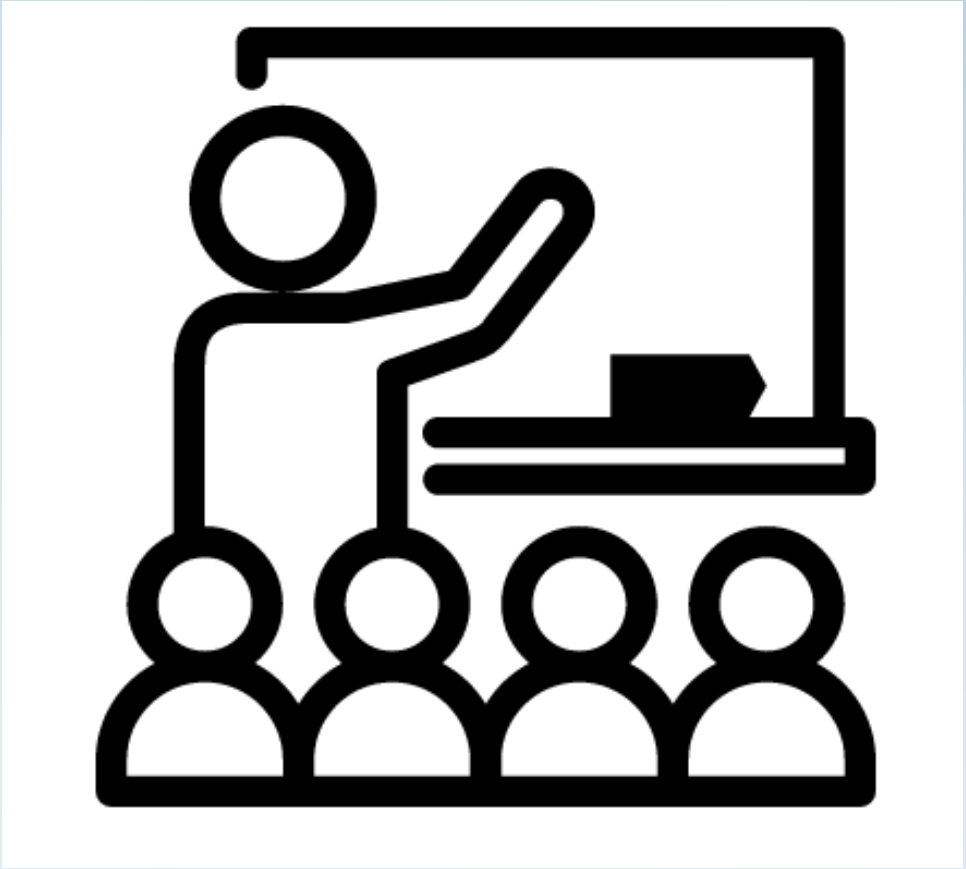
Sarah Young
Utah State Board of Education

Utah Digital Teaching and Learning – Innovating Education

- Historical Timeline of Utah's Ed Tech Investments
- Utah Digital Teaching and Learning Implementation Update
- Creation of an Ecosystem
- LEA Leadership Reflections
- Discussion

Opportunities with K-12 Digital and Personalized Learning

- Scaffolding learning experiences that allow for use of extensive digital information
- Utilizing formative assessment to rapidly inform instructional strategies and interventions
- Personalizing learning to allow for increased individual instruction
- Differentiated lesson opportunities within classroom constraints



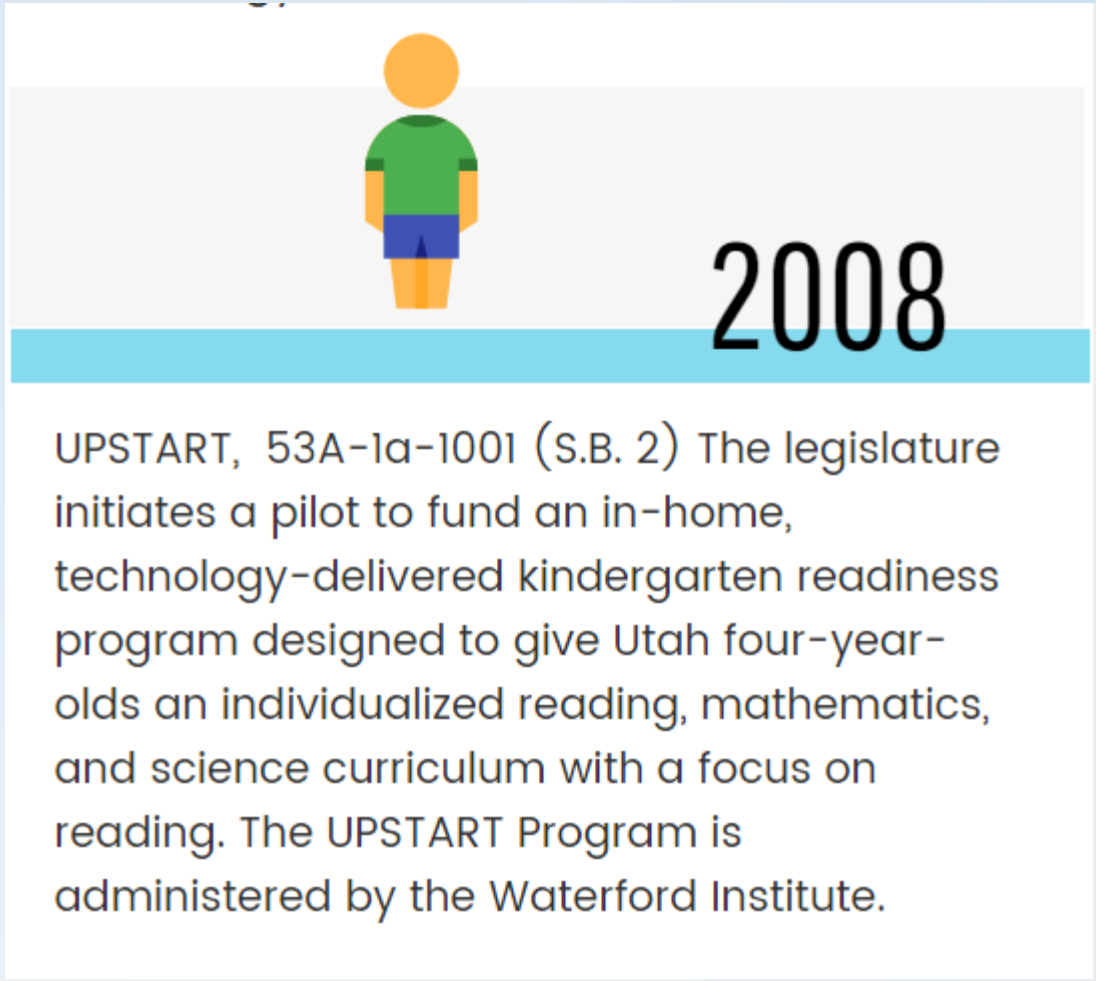
A Brief History of Utah Education Technology

- Focus on "partnerships"
- Assist school districts and university colleges of education in implementing educational technology
- Require commitment from school districts, hardware and software computer vendors, and business community to help underwrite the initiative
- Establish a technlogy initiative steering committee

A Brief History of Utah Education Technology

- Legislative Audit Subcomittee requested a review of how technlogy is being used to improve public education, with a focus on availability of training resources for teachers and leaders, and whether schools were maximizing technology investments
- Outcomes: Much has been accomplished with teachers having computers, more students having access to devices, and most school computers connected to the Internet
- Needs: Additional training for teachers, investments in refresh cycles for technology, and a system of technical support

A Brief History of Utah Education Technology



- Support has grown to serve over 10,000 children in the 2016-17 school year
- At least 30% of the preschool children who participate in UPSTART shall be from low income families
  - "Low income" means an income below 185% of the federal poverty guideline.
- Additional funds via (Utah Code:53A-1b-205) to provide for home-based technology high quality school readiness program (sole awardee through competitive RFP was UPSTART administered by the Waterford Institute), requires students "funded by TANF funds uses the grant to provide a home-based high quality school readiness program to eligible students who are eligible to receive TANF funded assistance." (200% of the federal poverty guideline)
- Strong growth in literacy based on comparison to control group, and gains sustained in longitudinal data study.

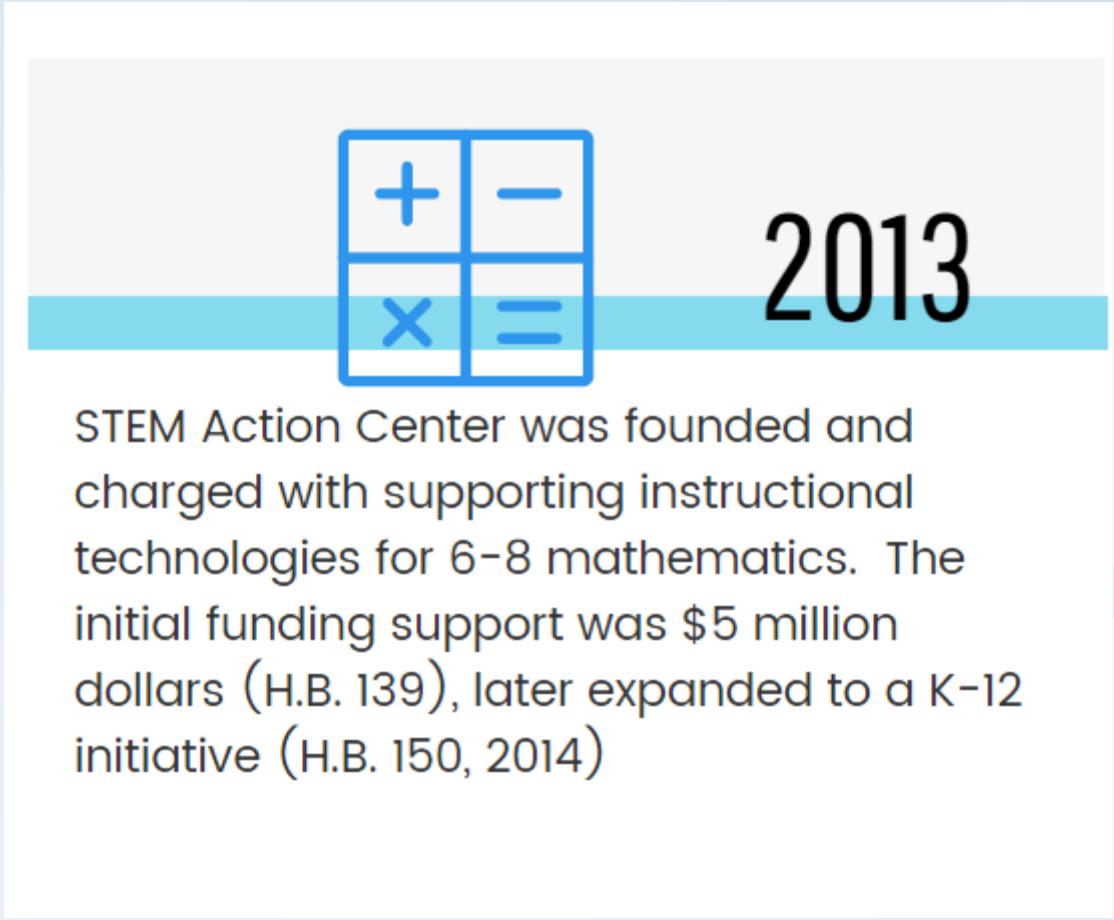
A Brief History of Utah Education Technology

2012

The Utah State Legislature funded the Early Intervention Software Program ("EISP") to support the growth of K-3 students' literacy. For the 2015-2016 program year, schools in Utah selected from among eight computer-based literacy programs which provide individualized instruction and are designed to supplement students' classroom learning. Current funding at $7.6 million dollars.

- Schools apply directly for the licenses, and can select from up to two vendors for the K-3 license space
- Focus on adaptive technologies that are used at fidelity for all K-1 students and intervention students in grades 2-3
- Providers have increased implementation supports such as dashboards, data dives, and professional learning on incorporation for instruction
- Evaluations conducted each year by external evaluator, and outcomes shared with community as part of reapplication process

A Brief History of Utah Education Technology



- The Utah State Legislature currently provides $13.5 million dollars to the STEM (Science, Technology, Engineering and Mathematics) Action Center to provide math instructional technology to support mathematics instruction in grades Kindergarten through Twelfth.
- The programs available for use contain individualized, self-adapting, and engaging instructional support addressing the Utah Core Standards for Mathematics; it also includes an embedded progress monitoring function to support educators as they work closely with their students.
- Currently fund a percentage of the requests based on available funding, with LEAs responsible for remaining license costs

A Brief History of Utah Education Technology

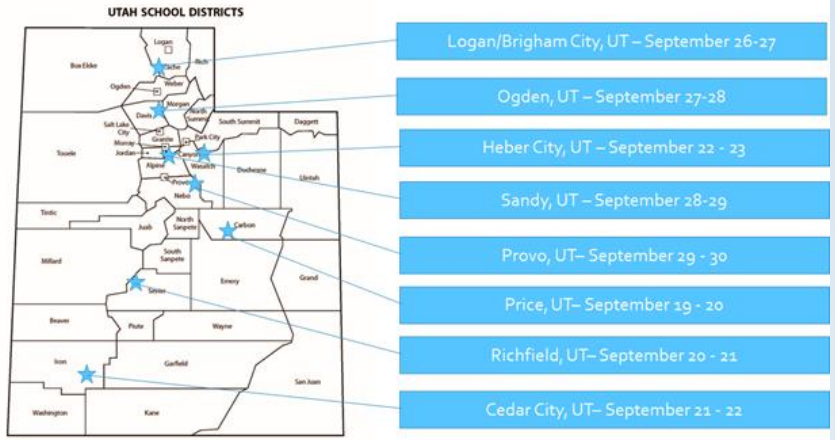
2016

The Digital Teaching and Learning Qualifying Grant Program for Local Education Agencies (LEAs) was created (H.B. 277). LEAs are required to create a 3-year plan for Digital Teaching and Learning to be approved by USBE to qualify for the funds. Current funding at $10 million to support 39/41 districts, and 26 charter schools.

- A comprehensive plan to address 53 research-based elements that are required for digital and personalized learning.
- 65 LEAs approved in FY 2017 with 12 LEAs with planning grants to apply in FY 2018
- LEA specific goal sets to targeted needs for student learning outcomes to leverage existing resources and new commitments

Digital and Personalized Learning
with Utah's Districts and Charter Schools

Bootcamps for Digital Teaching and Learning Technical Support



Each LEA in attendance is required to bring a team consisting of:

- District Superintendent or Charter School Executive Director
- LEA Educational Technology Director
- LEA Curriculum Director
- Representative team of participating school leadership
- One LEA school board member

Day One: Change Leadership, Existing State Resources, New Technologies
Day Two: Grant Technical Support

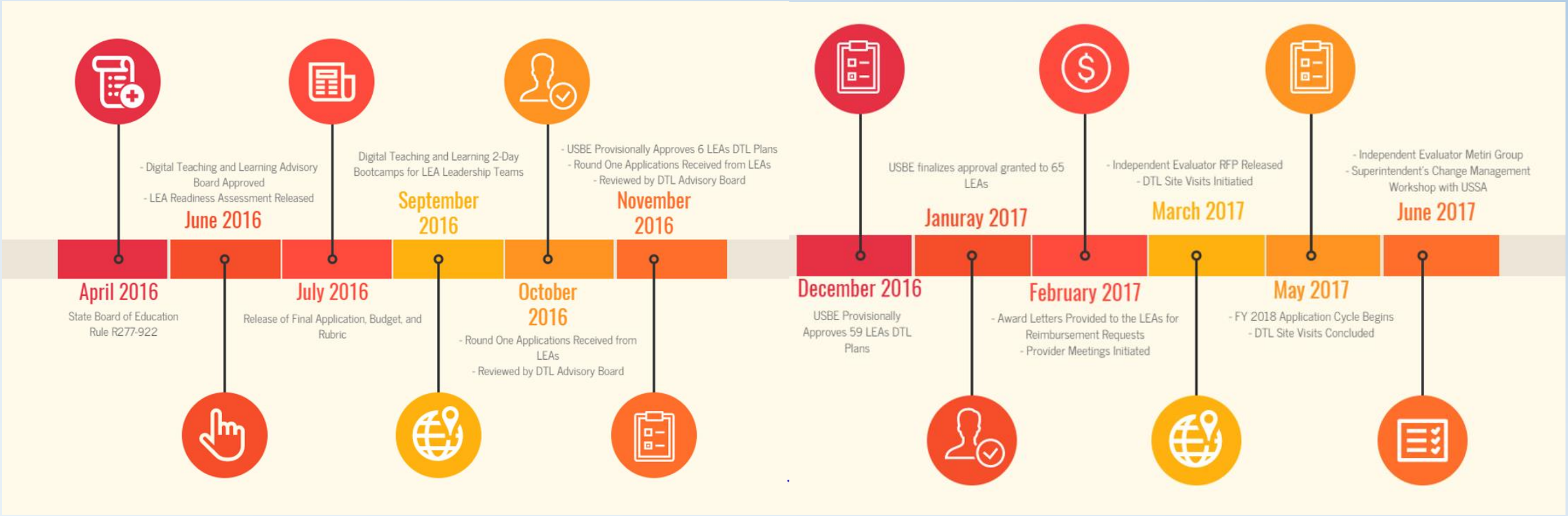
Innovations

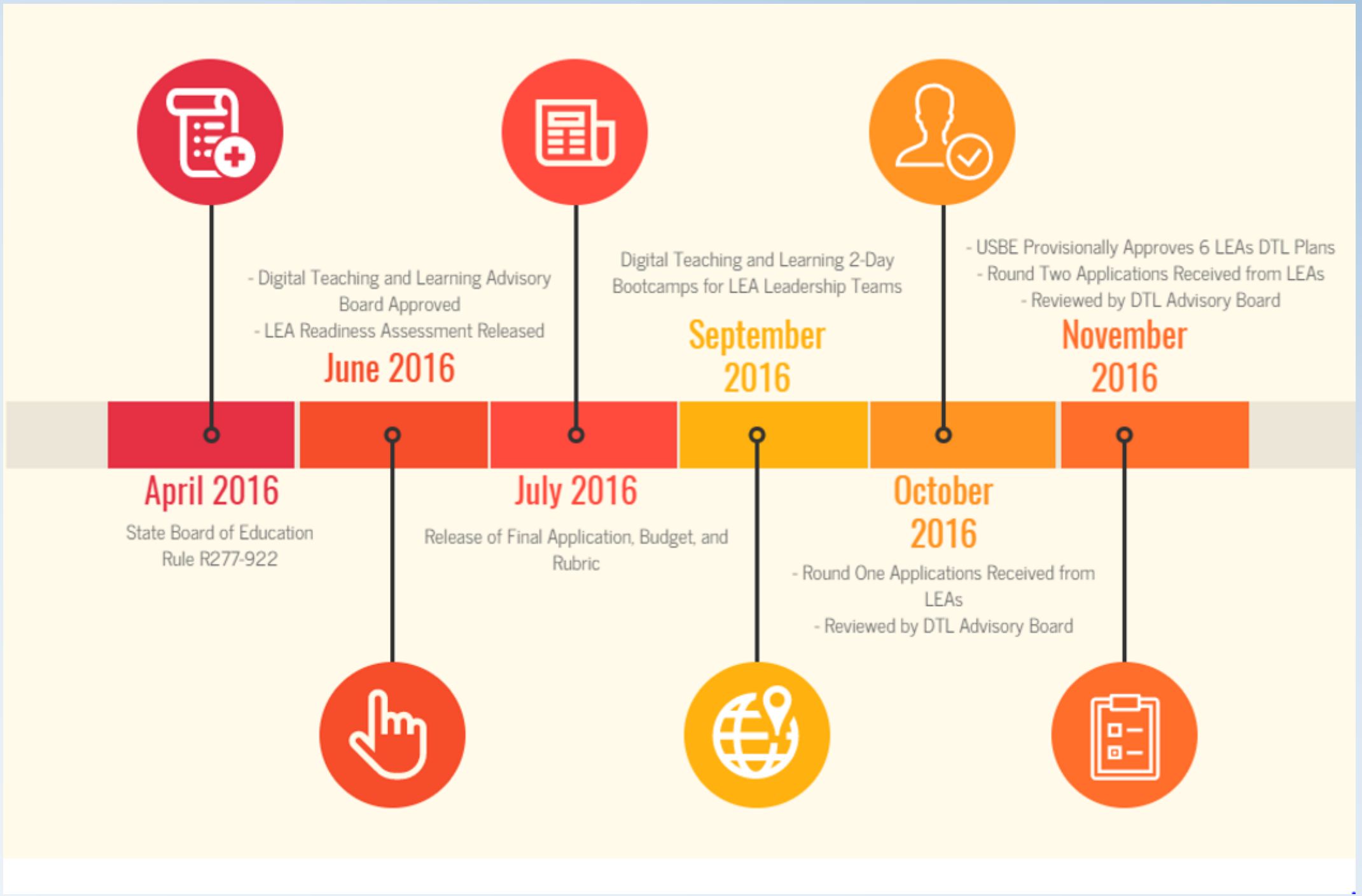
- LEAs Developing Local Goals for Student Learning Outcomes
- Leveraging Local Expertise to Drive the Process
- Working with partners such as LEARN (Ed Tech Management System) and Metiri Group for Evaluation and Digital Dashboard

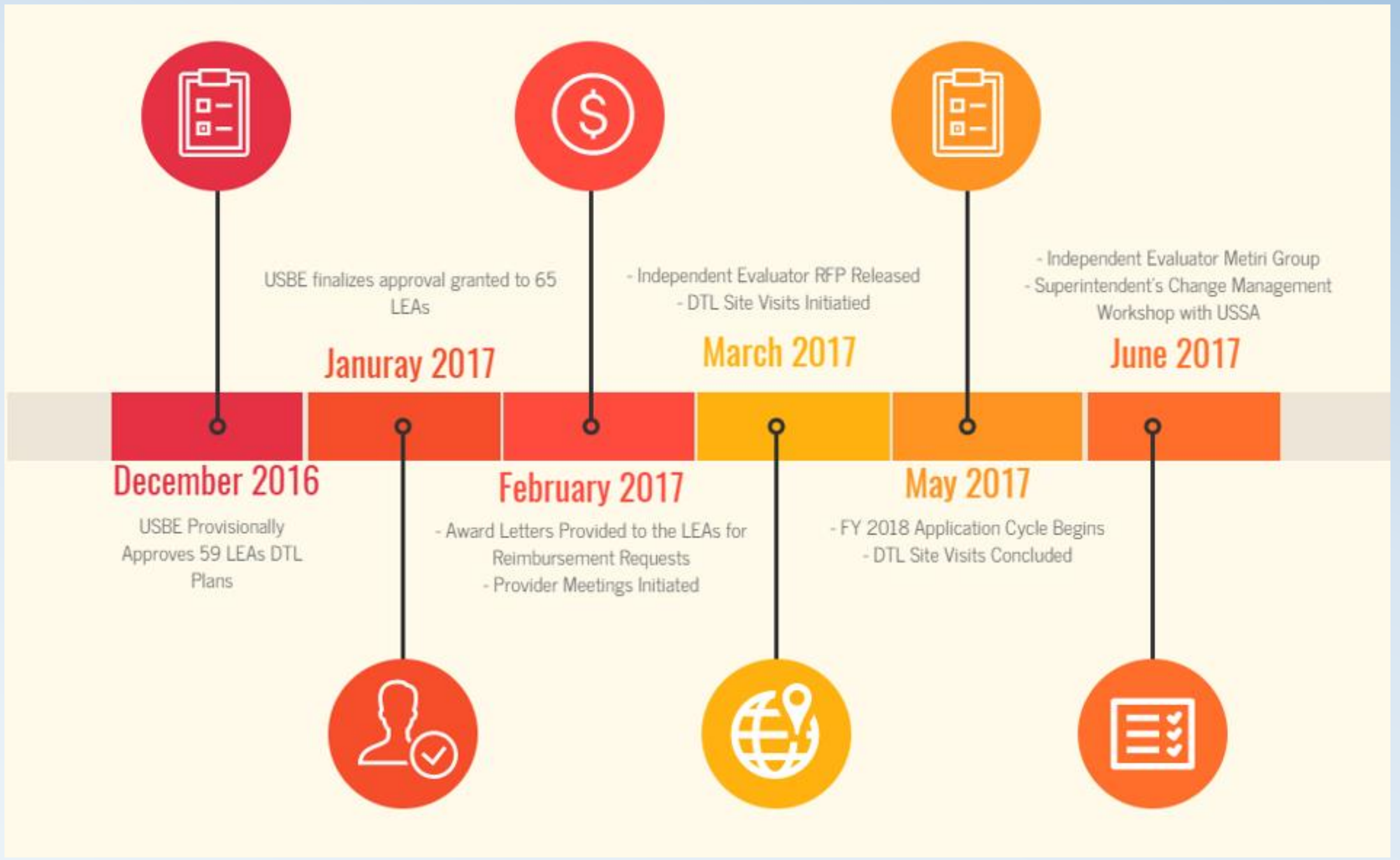
All LEA Plans Address 12 Key Components
(53 Elements)

Section I. Readiness Assessment
Section II. Inventory
Section III. Goals
Section IV. Implementation Plan
Section V. Software
Section VI. Personalized Learning and Digital Citizenship
Section VII. Professional Learning
Section VIII. Monitoring
Section IX. Infrastructure
Section X. Technical Support
Section XI. Data and Security Policies
Section XII. Budget

Digital Teaching and Learning Action Timeline – FY 2017




April 2016
State Board of Education Rule R277-922
June 2016
- Digital Teaching and Learning Advisory Board Approved
- LEA Readiness Assessment Released
July 2016
Release of Final Application, Budget, and Rubric
September 2016
Digital Teaching and Learning 2-Day Bootcamps for LEA Leadership Teams
October 2016
- Round One Applications Received from LEAs
- Reviewed by DTL Advisory Board
November 2016
- USBE Provisionally Approves 6 LEAs DTL Plans
- Round Two Applications Received from LEAs
- Reviewed by DTL Advisory Board


December 2016
USBE Provisionally Approves 59 LEAs DTL Plans
Januray 2017
USBE finalizes approval granted to 65 LEAs
February 2017
- Award Letters Provided to the LEAs for Reimbursement Requests
- Provider Meetings Initiated
March 2017
- Independent Evaluator RFP Released
- DTL Site Visits Initiatied
May 2017
- FY 2018 Application Cycle Begins
- DTL Site Visits Concluded
June 2017
- Independent Evaluator Metiri Group
- Superintendent's Change Management Workshop with USSA

A Brief History of Utah Education Technology

1990

Utah's Educational Technology Initiative was launched in 1990 providing $15 million dollars to assist LEAs and colleges of education in implementing educational technology. (H.B. 468)

2008

UPSTART, 53A-1a-1001 (S.B. 2) The legislature initiates a pilot to fund an in-home, technology-delivered kindergarten readiness program designed to give Utah four-year-olds an individualized reading, mathematics, and science curriculum with a focus on reading. The UPSTART Program is administered by the Waterford Institute.

2013

STEM Action Center was founded and charged with supporting instructional technologies for 6-8 mathematics. The initial funding support was $5 million dollars (H.B. 139), later expanded to a K-12 initiative (H.B. 150, 2014)

2005

Best Practices in Educational Technology in Public Education Audit was presented to the Utah legislature.

2012

The Utah State Legislature funded the Early Intervention Software Program ("EISP") to support the growth of K-3 students' literacy. For the 2015-2016 program year, schools in Utah selected from among eight computer-based literacy programs which provide individualized instruction and are designed to supplement students' classroom learning. Current funding at $7.6 million dollars.

2016

The Digital Teaching and Learning Qualifying Grant Program for Local Education Agencies (LEAs) was created (H.B. 277). LEAs are required to create a 3-year plan for Digital Teaching and Learning to be approved by USBE to qualify for the funds. Current funding at $10 million to support 39/41 districts, and 26 charter schools.

Utah State Board of Education - Future

UPSTART

2008

UPSTART, 53A-1a-1001 (S.B. 2) The legislature initiates a pilot to fund an in-home, technology-delivered kindergarten readiness program designed to give Utah four-year-olds an individualized reading, mathematics, and science curriculum with a focus on reading. The UPSTART Program is administered by the Waterford Institute.

K-3 Early Reading Software

2012

The Utah State Legislature funded the Early Intervention Software Program ("EISP") to support the growth of K-3 students' literacy. For the 2015-2016 program year, schools in Utah selected from among eight computer-based literacy programs which provide individualized instruction and are designed to supplement students' classroom learning. Current funding at $7.6 million dollars.

Digital Teaching and Learning

2016

The Digital Teaching and Learning Qualifying Grant Program for Local Education Agencies (LEAs) was created (H.B. 277). LEAs are required to create a 3-year plan for Digital Teaching and Learning to be approved by USBE to qualify for the funds. Current funding at $10 million to support 39/41 districts, and 26 charter schools.

Digital Teaching and Learning

2016

The Digital Teaching and Learning Qualifying Grant Program for Local Education Agencies (LEAs) was created (H.B. 277). LEAs are required to create a 3-year plan for Digital Teaching and Learning to be approved by USBE to qualify for the funds. Current funding at $10 million to support 39/41 districts, and 26 charter schools.

UPSTART

2008

UPSTART, 53A-1a-1001 (S.B. 2) The legislature initiates a pilot to fund an in-home, technology-delivered kindergarten readiness program designed to give Utah four-year-olds an individualized reading, mathematics, and science curriculum with a focus on reading. The UPSTART Program is administered by the Waterford Institute.

K-3 Early Reading Software

2012

The Utah State Legislature funded the Early Intervention Software Program ("EISP") to support the growth of K-3 students' literacy. For the 2015-2016 program year, schools in Utah selected from among eight computer-based literacy programs which provide individualized instruction and are designed to supplement students' classroom learning. Current funding at $7.6 million dollars.

Opportunities for Competency-based Learning, collaboration with assistive technologies in special education, etc.

Benefits to Collaboration for Digital Teaching and Learning

- Reduction of Redundancy
- Single point of contact for LEAs
- Opportunities to leverage investments and provide coherent trainings for digital and personalized learning efforts
- Transformating Systems
- Personalized Goal Sets for Each LEA

- Washington County School District
- Salt Lake City School District
- South Summit School District

LEA Leadership Reflections on Early Successes and Future

What questions do you have?

Utah State Board of Education Points of Contact

Patty Norman
Assistant State Superintendent
patty.norman@schools.utah.gov

Sarah Young
Coordinator for Digital Teaching and Learning
sarah.young@schools.utah.gov

Rick Gaisford
Educational Technology Specialist
rick.gaisford@schools.utah.gov

Utah Digital Teaching and Learning Qualified Grant

WWW.UEN.ORG/DIGITAL-LEARNING/

STATE FISCAL YEAR 2017-2018

www.uen.org/digital-learning