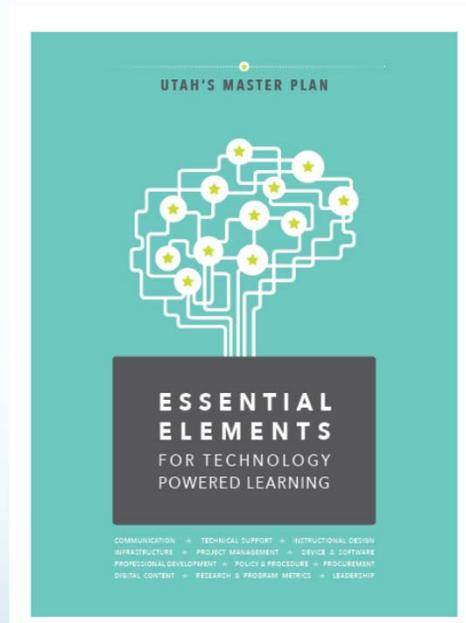


Essential Elements

For Technology Powered Learning



The Digital Teaching and Learning Master Plan

Digital Teaching and Learning Task Force

- Created in SB 222
- Task Force composed of:
 - 3 members of the State Board
 - 2 members of the UETN Board
 - 4 Superintendents
 - 1 Charter School Executive Director
 - 2 School Technology Directors
 - 2 Legislators
 - Chair, Governor's Commission on Excellence in Education
- Task Force staffed by USOE and UETN
- Consultants
 - Common Sense Education, Greaves Group, Metiri Group
- Task Force has met 14 times since June 2015

Senate Bill 222

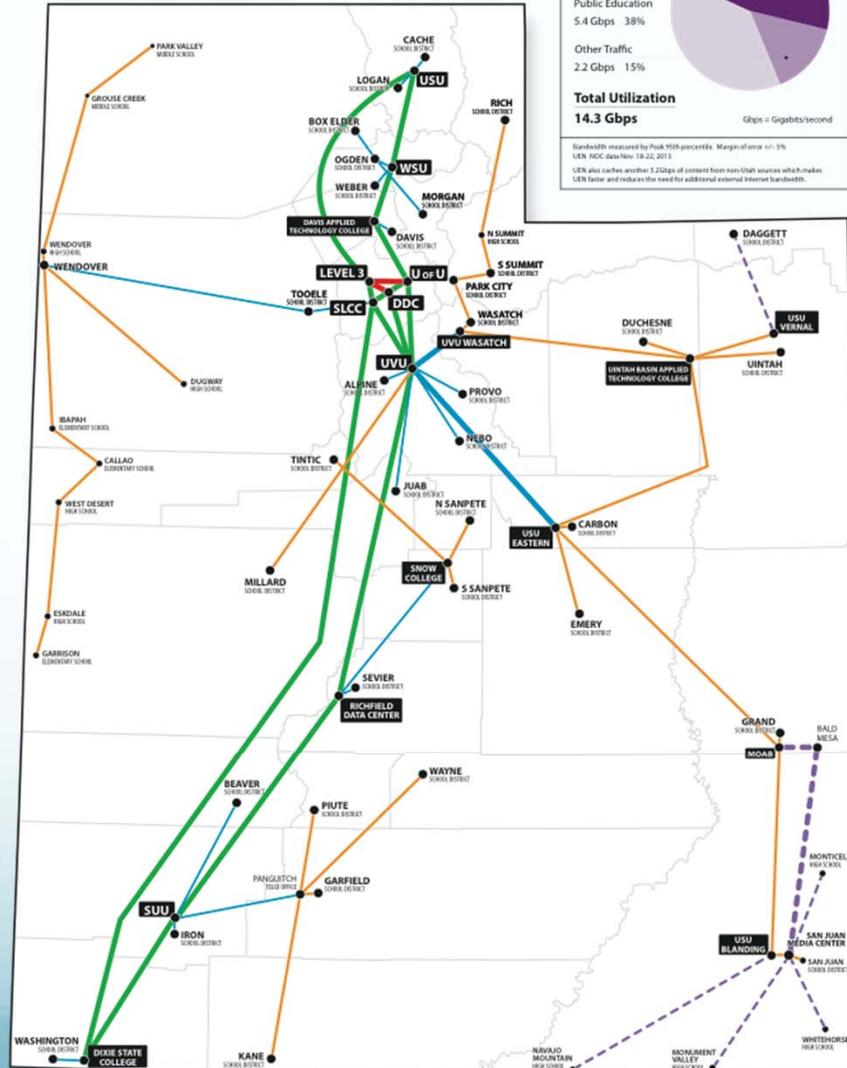
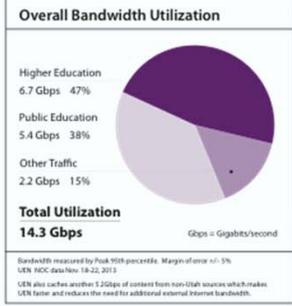
- Requires the **State Board of Education**
 - to establish a **funding proposal** for digital teaching and learning in elementary and secondary schools
 - to develop a **master plan** for a statewide digital teaching and learning program
- Requires the **Utah Education and Telehealth Network (UETN)**:
 - to conduct an **inventory** of the public education system's current technology resources
 - to perform an **engineering study** to determine the technology infrastructure needs of the public education system to implement the master plan
 - In addition, UETN will conduct an **inventory of professional development** practices and products to help identify **best practice**.

Essential Elements For Technology Powered Learning

- Inventory
 - Connected Nations
- Engineering Study
 - Sanity Solutions
- Professional Development
 - Dr. James Marshall, San Diego State University

UEN Infrastructure Map

Connecting 1396 locations throughout Utah

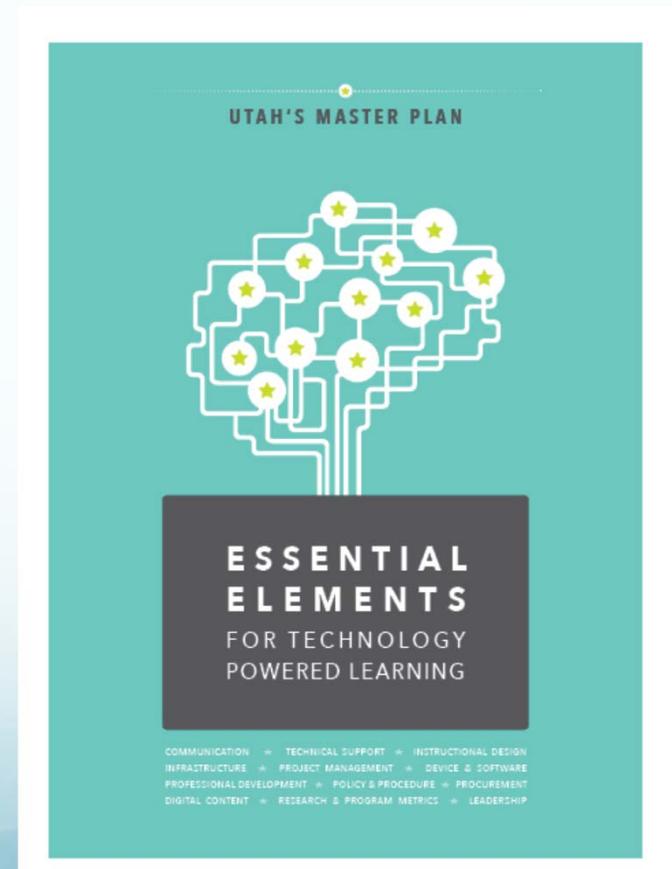


Essential Elements For Technology Powered Learning

- Inventory
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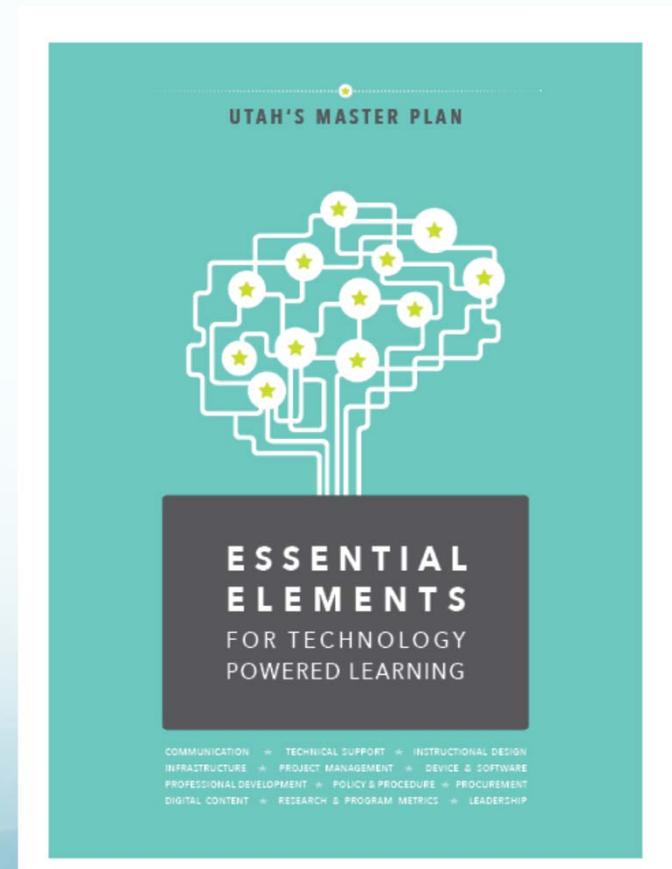
Essential Elements For Technology Powered Learning

- Section 1: Introduction
- Section 2: Program Metrics of Success
- Section 3: Leadership and Change Management
- Section 4: Professional Learning
- Section 5: Communication
- Section 6: Infrastructure
- Section 7: Digital Content and Software and Devices
- Section 8: Technical Support
- Section 9: Procurement
- Section 10: Cost Proposal
- Section 11: State Qualifying Grant Program
- Section 12: Timeline
- Section 13: Research Cited
- Section 14: Appendices



Essential Elements For Technology Powered Learning

- Section 1: Introduction
- Section 2: Program Metrics of Success
- Section 3: Leadership and Change Management
- Section 4: **Professional Learning**
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Essential Elements For Technology Powered Learning

Section 10: Cost Proposal

- State Board of Education
 - Funding is also allocated to USOE to administer the program including ongoing evaluation and performance reports
 - Administrator/principal professional development and grant writing assistance program
- UETN
 - Funding is allocated to UETN to administer the program, including procurement, contracting, accounting, and inventory management staff.
 - Funding is allocated to support increased bandwidth, provision of wireless personnel/infrastructure, filtering, and software contracts that are determined to be best provided equitably at a statewide level (e.g., online research library, videos and media content, Learning Management, authentication solution, etc.)
 - Funding for professional development personnel at statewide level to coordinate Train-the-Trainer and statewide programs

Essential Elements For Technology Powered Learning

$$\cos^2 x = \frac{1}{2}(1 + \cos(2x))$$

$$\sin^2 x = \frac{1}{2}(1 - \cos(2x))$$

$$\sin x \cos x = \frac{1}{2} \sin(2x)$$

Section 10: Cost Proposal – Funding Formula

Charter Schools

- The amount available to distribute to qualifying charter schools is an amount equal to the product of enrollment on October 1 in the prior year at charter schools statewide, divided by enrollment on October 1 in the prior year in public schools statewide; and the total amount available for distribution under this section.
- The board shall distribute to qualifying charter schools the amount available for distribution to qualifying charter schools in proportion to each qualifying charter school's enrollment as a percentage of the total enrollment in qualifying charter schools; or as determined by the State Charter School Board and approved by the board.
- Charter School technology spending/maintenance of effort are not to be supplanted as established by board rule.

School Districts

- The board shall distribute 10% of the funds available on an equal basis
- The remaining 90% of the funds shall be distributed to the qualifying LEAs on a per-student basis.
- LEA technology spending/maintenance of effort are not to be supplanted as established by board rule.
- Each LEA has an opportunity to receive funds if the LEA's plan has been approved in year one
- If an LEA's plan is not approved during year one of the program, the board shall deposit the LEA's allocation of program money into a separate account that is non-lapsing while providing additional supports to help the LEA qualify

BASE PLUS FORMULA

Questions?

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