



LEADERSHIP • TECHNOLOGY • INNOVATION • LEARNING

## **Assessments and Beyond: Planning for Educational Technology Requirements (working title) Web-based Tool Sponsorship Opportunities**

### **Who is SETDA?**

State Educational Technology Directors Association (SETDA) is the 501(c)(3) non-profit, national member association that serves, supports and represents the interests of the educational technology leadership of state education agencies in all 50 states, the District of Columbia, the Bureau of Indian Affairs, American Samoa, and the U.S. Virgin Islands. Our mission is to build and increase the capacity of state and national leaders to improve education through technology policy and practice.

Our members are leading the charge within their state departments of education for proper uses of technology in schools, including supporting district leaders and their state colleagues in Title I, IDEA, assessment, curriculum, and data collection to ensure technology is leveraged appropriately throughout the educational system. SETDA provides a forum for: advocacy for policy and practice, professional learning, inter-state collaboration and public-private partnerships. To learn more about SETDA, see <http://www.setda.org/about>

### **What is SETDA's Impact?**

SETDA's priorities include broadband, technology readiness for assessment, E-rate modernization and have been among the leading advocates in supporting a shift from print to digital content. Our organization produces influential guidance for policy and practice for the K-12 field. Examples include:

- [The Broadband Imperative: Recommendations to Address K-12 Educational Infrastructure Needs](#)
- [Implementing Online Assessment: Pathways to Success](#)
- [Out of Print: Reimagining the K-12 Textbook in a Digital Age](#)
- [Data to Information in Service of Learning](#)
- [The State Education Policy Center \(SEPC\)](#).

### **What is this Assessment and Beyond web-based tool?**

To alleviate confusion about the many technology specifications promulgated by six different assessment consortia, SETDA is creating a web-based tool that will display the technology specifications for each consortium's assessment customized for each state. In addition, the web-based tool will feature guidance for districts as they think about purchasing or implementing technology for instruction as well as the assessments. It will provide states, districts and the private sector with:

- All of the minimum and recommended technology specifications required of schools to participate in any of the six next generation assessments currently under development
- Advice and context on school technology budgeting, planning, and sustainability not just for assessment purposes, but also for teaching, learning and school operations
- An interactive tool allowing users to customize guidance based on their state's consortium participation), with links to recommended resources to help schools address issues they may be facing.

### **What are the sponsorship opportunities?**

See the chart on page 2 for a description of a variety of sponsorships that will provide visibility for companies that have solutions in this space, as well as the opportunity for input toward the ongoing efforts to refine the content. We are limiting the number of sponsors so interested companies should notify SETDA as soon as possible.

### **To learn more:**

Contact Jennifer Fritschi, Director of Strategic Partnerships at [jfritschi@setda.org](mailto:jfritschi@setda.org) or via phone at 202-715-6636 ext. 704.

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SPONSORSHIP BENEFITS	FOUNDING SPONSOR (May 1 and prior)		SUPPORTING SPONSOR (post May 1)
	Tier I \$8,500*	Tier II \$6,500*	\$7,500*
Sponsorship term	two years	one year	one year
Sponsor may submit related resources**that will be showcased in two locations: 1) on each guidance web page (similar to how resources are listed <a href="#">here</a> and 2) on a web page listing all resources, accessible via a primary navigation link.	max. 10	max. 5	max. 5
Sponsor-specific web page with unlimited related resources**	✓		
One sponsor representative may attend SETDA Ed Forum at the 2014 <a href="#">Leadership Summit</a>	✓		
Acknowledgment during release event	✓		
Attribution on press release announcing web-based tool's launch	✓	✓	
Logo on the web-based tool's footer	✓	✓	✓
Attribution on a web page dedicated to thanking contributors/sponsors	✓	✓	✓
Input on development and refinement of web-based tool's content	✓	✓	✓

CUSTOMIZED TECHNICAL SPECIFICATION REPORT & GUIDANCE DOCUMENT	
Sponsorship Opportunity	\$5,000***
Logo attribution for one year on the footer of printed, customized, technical specifications report	✓

\*existing SETDA Private Sector Partners receive discounted rates (Platinum = 15% discount | Gold = 10% discount)

\*\*sponsors' related resources must be approved by SETDA before inclusion on the site

\*\*\*existing sponsors of this web-based tool receive discounted rates (Tier I = \$1,000 discount | Tier II = \$500 discount)

# Example pages

## One simple guide to tech requirements across consortia.

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est

ALL technical requirements for ALL STATES for ALL CONSORTIA VIEW CHART

Be sure to check the notes for additional information.

PRINT EMAIL SHARE

	PARCC		Smarter Balanced		ACCESS for ELLs 2.0		ELF
	RECOMMENDED	MINIMUM	RECOMMENDED	MINIMUM	RECOMMENDED	MINIMUM	RECOMMENDED
<b>- Computers</b>							
<b>- Windows</b>	Windows 7+ 1 GB of RAM	Windows XP, SP3 512 MB of RAM	Windows 7+ 1 GB of RAM 1 GB of hard drive space available	Windows XP, SP3 Pentium 233 MHz processor 128 MB of RAM 52 MB of hard drive space available	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows 7+ 1 GHz processor 2 GB of RAM 1 GB of hard drive space available
<b>- Mac OS</b>	Mac OS X 10.7+ 1 GB of RAM	Mac OS X 10.5+ 512 MB of RAM	Mac OS X 10.7+ 1 GB RAM At least 1 GB of hard drive space available	Mac OS X 10.4.4 Intel x86 or PowerPC G3 (2003 MHz) processor 256 MB of RAM 200 MB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.5+ Intel x86 or PowerPC G5 800 MHz 512 MB of RAM 200 MB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available
<b>- Linux</b>	Ubuntu 11+ Fedora 16+ 1 GB of RAM	Ubuntu 11+ Fedora 16+ 1 GB of RAM	Ubuntu 11.10+ Fedora 16+ 1 GB RAM At least 1 GB of local storage drive space available	Ubuntu 9.10 Fedora 6+ Pentium II or AMD K6-111 233 MHz processor 64 MB of RAM 32 MB of hard drive space available	Ubuntu 11+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 9 or 10 Fedora 6+ 512 MB of RAM 200 MB of hard drive space available	Ubuntu 11.10+ or Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available
<b>- Tablets and Mobile</b>							
<b>- iOS</b>	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 3 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 7 512 MB of RAM+	iPad 2 with iOS 7 512 MB of RAM+	iPad 3+ with iOS 6+ 1 GB of RAM
<b>- Chrome OS</b>	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chromebook running Chrome OS v 19+ 1 GB of RAM
<b>- Android OS</b>	Android 4.0+ 1 GB of RAM+	Android 4.0+ 512 MB of RAM+	Smarter Balanced-certified tablet running Android 4.0+	Smarter Balanced-certified tablet running Android 4.0+	Android 4+ 512 MB of RAM+	Android 4+ 512 MB of RAM+	Android tablet running Android 4.0+

- ✓ Select which rows to view, print and email.
- ✓ Chart is customizable to show only the information that pertains to you.
- ✓ Additional notes specific to each consortium.

home page mock up

Generates customizable technical specifications report that can be printed or emailed

state page mock up

### ALABAMA

WEBSITE:  
[www.alabama.gov](http://www.alabama.gov)

CONSORTIA MEMBERSHIPS:  
PARCC ACCESS NCSC

Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et justo odio dignissim qui blandit praesent luptatum zzril delenit augue duiis dolore te feugiat nulla facilisi. Lorem ipsum dolor sit amet, consetetur adipiscin elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

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Be sure to check the notes for additional information.

PRINT EMAIL SHARE

	PARCC		ACCESS for ELLs 2.0		NCSC	
	RECOMMENDED	MINIMUM	RECOMMENDED	MINIMUM	RECOMMENDED	MINIMUM
<b>- Computers</b>						
<b>- Windows</b>	Windows 7+ 1 GB of RAM	Windows XP, SP 3 512 MB of RAM	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows Vista SP2, Windows 7, Windows 8 100 MB of hard drive space available	Windows Vista SP2, Windows 7, Windows 8 100 MB of hard drive space available
<b>- Mac OS</b>	Mac OS X 10.7+ 1 GB of RAM	Mac OS X 10.5+ 512 MB of RAM	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.5+ Intel x86 or PowerPC G5 800 MHz 512 MB of RAM 200 MB of hard drive space available	Mac OS X 10.4.4+	Mac OS X 10.4.4+
<b>- Linux</b>	Ubuntu 11+ Fedora 16+ 1 GB of RAM	Ubuntu 11+ Fedora 16+ 1 GB of RAM	Ubuntu 11+ Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 9 or 10 Fedora 6+ 512 MB of RAM 200 MB of hard drive space available		
<b>- Tablets and Mobile</b>						
<b>- iOS</b>	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 7 512 MB of RAM+	iPad 2 with iOS 7 512 MB of RAM+		
<b>- Chrome OS</b>	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM		
<b>- Android OS</b>	Android 4.0+ 1 GB of RAM+	Android 4.0+ 512 MB of RAM+	Android 4+ 512 MB of RAM+	Android 4+ 512 MB of RAM+	Tablets not supported	Tablets not supported

**PARCC Computing Devices**

Computers meeting only the minimum specifications are not likely to be compatible beyond the 2015-2016 assessment. As one example, Windows XP will no longer be supported by Microsoft after April 8, 2014; schools using Windows XP face potential security and support risks.

For field testing, not all accessibility

Each footnote has a pop up that provides more detailed information



# Recommended Technical Requirements for All States and All Consortia

**i** Be sure to check the notes for additional information.

	<b>PARCC</b>		<b>Smarter Balanced</b>		<b>ACCESS for ELLs 2.0</b>		<b>ELPA21</b>		<b>DLM Alternate Assessment</b>		<b>NCSC</b>	
<b>PRINT</b>	<b>EMAIL</b>	<b>SHARE</b>	<b>RECOMMENDED</b>	<b>MINIMUM</b>	<b>RECOMMENDED</b>	<b>MINIMUM</b>	<b>RECOMMENDED</b>	<b>MINIMUM</b>	<b>RECOMMENDED</b>	<b>MINIMUM</b>	<b>RECOMMENDED</b>	<b>MINIMUM</b>

## - Computers

<b>- Windows</b>	Windows 7+ 1 GB of RAM <b>i</b>	Windows XP, SP 3 512 MB of RAM <b>i</b>	Windows 7+ 1 GB of RAM 1 GB of hard drive space available <b>i</b>	Windows XP, SP 3 Pentium 233 MHz processor 128 MB of RAM 52 MB of hard drive space available <b>i</b>	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows 7+ 1 GHz processor 2 GB of RAM 1 GB of hard drive space available	Windows 7+ 1 GHz processor 2 GB of RAM 1 GB of hard drive space available	Windows 7+ 1.4 GHz processor 1 GB of RAM 1 GB of hard drive space available	Windows XP, SP 3 Pentium or AMD 500 MHz processor 512 MB of RAM 200 MB of hard drive space available	Windows Vista SP2, Windows 7, Windows 8 100 MB of hard drive space available	Windows Vista SP2, Windows 7, Windows 8 100 MB of hard drive space available
<b>- Mac OS</b>	Mac OS X 10.7+ 1 GB of RAM	Mac OS X 10.5+ 512 MB of RAM	Mac OS X 10.7+ 1 GB RAM At least 1 GB of hard drive space available	Mac OS X 10.4.4 Intel x86 or PowerPC G3 (300 MHz) processor 256 MB of RAM 200 MB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.5+ Intel x86 or PowerPC G5 800 MHz 512 MB of RAM 200 MB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.7+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Mac OS X 10.5 Intel x86 512 MB of RAM 200 MB of hard drive space available	Mac OS X 10.4.4+	Mac OS X 10.4.4+
<b>- Linux</b>	Ubuntu 11+, Fedora 16+ 1 GB of RAM	Ubuntu 11+, Fedora 16+ 1 GB of RAM	Ubuntu 11.10+ Fedora 16+ 1 GB RAM At least 1 GB of local storage drive space available	Ubuntu 9, 10 Fedora 6+ Pentium II or AMD K6-111 233 MHz processor 64 MB of RAM 52 MB of hard drive space available	Ubuntu 11+ Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 9 or 10 Fedora 6+ 512 MB of RAM 200 MB of hard drive space available	Ubuntu 11.10+ or Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 11.10+ or Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 11+, Fedora 16+ 1 GHz processor 1 GB of RAM 1 GB of hard drive space available	Ubuntu 9 Fedora 6+ Pentium or AMD 500 MHz processor 512 MB of RAM 200 MB of hard drive space available	Not specified	Not specified

## - Tablets and Mobile

<b>- iOS</b>	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 2 with iOS 6+ 512 MB of RAM+	iPad 3 with iOS 6+	iPad 2 with iOS 6+	iPad 2 with iOS 7	iPad 2 with iOS 7	iPad 3+ with iOS 6+ 1 GB of RAM		iPad 3 with iOS 6+ 1 GB of RAM	iPad 2 with iOS 6+ 512 MB of RAM Wi-Fi support only	Tablets not supported	Tablets not supported
<b>- Chrome OS</b>	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+ 1 GB of RAM	Chrome OS v 19+	Chrome OS v 19+	Chrome OS v 19+	Chrome OS v 19+	Chromebook running Chrome OS v 19+ 1 GB of RAM		Chrome OS v 19+	Chrome OS v 19+	Chromebook 18+	Chromebook 18+
<b>- Android OS</b>	Android 4.0+ 1 GB of RAM+	Android 4.0+ 512 MB of RAM+	Smarter Balanced-certified tablet running Android 4.0+	Smarter Balanced-certified tablet running Android 4.0+	Android 4+	Android 4+	Android tablet running Android 4.0+ 512MB of RAM		Android 4.0+ 1 GB of RAM	Android 4.0+ 512 MB of RAM Wi-Fi support only	Tablets not supported	Tablets not supported
<b>- Windows Tablets</b>	Windows 8+; Windows RT support unknown 1 GB of RAM and more	Windows 8+; Windows RT support unknown 512 MB of RAM of RAM and more	Windows 8+ (excluding Windows RT)	Windows 8+ (excluding Windows RT)	Windows 8+	Windows 8+	Windows tablets running Windows 8+ 1 GB of RAM		Windows 8+ 1 GB of RAM	Windows 8+ 1 GB of RAM Wi-Fi support only	Tablets not supported	Tablets not supported

## - Additional Specifications

<b>- Keyboard/Mouse</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Pointing device (such as a mouse, touchpad or touchscreen) <b>i</b>	External keyboard Pointing device (such as a mouse, touchpad or touchscreen) <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse or Touchpad or Touchscreen <b>i</b>	External keyboard Mouse Speakers for students using read-aloud features <b>i</b>	External keyboard Mouse Speakers for students using read-aloud features <b>i</b>
<b>- Headset/Microphone</b>	Headphones/ Earphones Microphone	Headphones/ Earphones Microphone	Headphones/ Earphones No microphone needed <b>i</b>	Headphones/ Earphones No microphone needed <b>i</b>	Headphones with microphone <b>i</b>	Headphones with microphone <b>i</b>	Headphones/ Earphones Microphone <b>i</b>	Headphones/ Earphones Microphone <b>i</b>	Not specified	Not specified	Not specified	Not specified	Not specified
<b>- Screen Size</b>	9.5" or larger	9.5" or larger	9.5" or larger	9.5" or larger	9.5" or larger	9.5" or larger	9.5" or larger	9.5" or larger	10" or larger	10" or larger	9.5 inches or larger	9.5 inches or larger	
<b>- Resolution</b>	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768+	1024 x 768	1024 x 768	
<b>- Browser</b>	Proctor caching: at least 5 Kbps of bandwidth for each student testing at the same time.  If not using proctor caching, each student connecting to the Internet for testing must have at least 50 Kbps of bandwidth.  Recommended for assessment and instruction: 100 Kbps/ student or faster  See additional browser notes <b>i</b>	Proctor caching: at least 5 Kbps of bandwidth for each student testing at the same time.  If not using proctor caching, each student connecting to the Internet for testing must have at least 50 Kbps of bandwidth.  Recommended for assessment and instruction: 100 Kbps/ student or faster  See additional browser notes <b>i</b>	Secure browser provided <b>i</b>	Secure browser provided <b>i</b>	Not specified	Not specified	Internet Explorer Firefox Chrome Safari (versions to be specified later) <b>i</b>	Internet Explorer Firefox Chrome Safari (versions to be specified later) <b>i</b>	Not specified	Not specified	Internet Explorer 9+ Firefox 24+ Chrome 26+ Opera 12+ Safari+ <b>i</b>	Internet Explorer 9+ Firefox 24+ Chrome 26+ Opera 12+ Safari+ <b>i</b>	

## - Network

<b>- External Connection to Internet</b>	1 Gbps per student or faster	1 Gbps per student or faster	20 Kbps per student (minimum)	20 Kbps per student (minimum); 140 Kbps for deaf students using ASL accommodations	50 Kbps if local caching in place 100 Kbps or more if local caching not in place	20-50 Kbps if local caching in place 40-100 Kbps or more if local caching not in place	100 Kbps+ per student (50 Kbps+ per student with content caching server)		With content caching: 100 Kbps+ per student Without content caching: 50 Kbps+ per student	With content caching: 20-50 Kbps+ per student Without content caching: 40-100 Kbps+ per student	100 Kbps per student	
<b>- Internal School Network</b>	Both allowed	1 Gbps per student or faster	20 Kbps per student (minimum)	20 Kbps per student (minimum); 140 Kbps per student for deaf students using ASL accommodation	Not specified	Not specified	1000 Kbps per student		Not specified	Not specified	1 Gbps per student	
<b>- Wireless Network</b>	Both allowed	Both allowed	Not specified	Not specified	Not specified	Not specified	To come		To come	To come	To come	

## + Consortia Details