



Race to the Top Assessment and YOU: Making Sense of SBAC/PARCC Technology

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RTTA: Committed to Technology

- ☉ Creating a smarter system of assessments
- ☉ The role of technology:
 - Be used to the maximum extent feasible to develop, administer, score, and report
 - Enable new, innovative item types that capture complex student learning
 - Adhere to common interoperability standards
- ☉ By moving online, guarantees that technology will be pervasive in schools and classrooms – and can be used for learning all year.



Technology Readiness Tool

- First ever census of school technology
- Jointly issued by SMARTER Balanced & PARCC, with SETDA as partner; Pearson contracted to develop
- Consortia will provide tool to the states to deploy in six data collection windows between 2012 and 2014
- Will collect local data to determine technology readiness for online assessments, and provide gap analysis
- Data to support local/state/national planning for the transition to consortia assessment systems



Measuring Local Readiness

Readiness for online assessments has different dimensions:

1. Computers & other devices
 - Minimum system requirements
2. Ratio of devices to test-takers
 - Including testing window and session scheduling
3. Network and infrastructure
 - Bandwidth, network utilization, size of content
4. Personnel (staffing & training)

Technology Purchase Guidance

- Released initial guidance on instructional technology purchases (April 2012)
- Virtually any machine w/a 10 inch screen and popular OS on the market today will be supported
- Desktops, laptops, netbooks (e.g., ChromeBooks), tablets (MS, Android and iOS), thin clients/virtualization



More Information to Come

- ② Completion of first administration of Technology Readiness Tool to inform support for legacy devices and operating systems (and extent of Linux support)
- ② Future field tests to determine peripheral requirements and accommodations (e.g., keyboard, mouse, stylus)

SBAC: Requirement to Use Tablets

“...in 2016-17 students will need access to a tablet (or other device) that employs a stylus for user input. The final implementation timeline for future *required* use of tablets will be described in the minimum specifications guidelines to be released in August 2012.”



PARCC/SBAC Approach: Device Security

- ② Any otherwise eligible device must meet security requirements for assessment.
- ② Includes, but not limited to, temporarily disabling: Web browser access, cameras (still and video), screen capture (live and recorded), email, text messaging, Bluetooth connections, application switching, and printing.

Device Validation

- ② SBAC RFI: Seeking input from technology companies on devices (brands/models) that meet these security requirements or will by January 2013.
- ② Preference for enterprise administrative solutions that facilitate the management of large numbers of devices
- ② Opportunities for dialogue re: device functionality/requirements

SETDA Initiatives

- ② Assess4ed and SRC support
- ② State Education Policy Project
- ② SETDA-PARCC-SBAC CCSS Alignment Project
- ② SETDA - CCSSO TILSA Partnership



Join the Dialogue: Assess4ed.net



Leveraging the opportunities of next generation assessment systems.

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Start Your Online Testing Engines

In the September 2011 issue of Principal Leadership, SETDA's deputy director, Geoff Fletcher, wrote the article, Start Your Online Testing Engine Now...

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Partner Highlights

News from our connected partner communities.

Teacher Appreciation Week Gets Underway

May 7, 2012

Ed.Gov

Report Release and Briefing The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs

May 7, 2012

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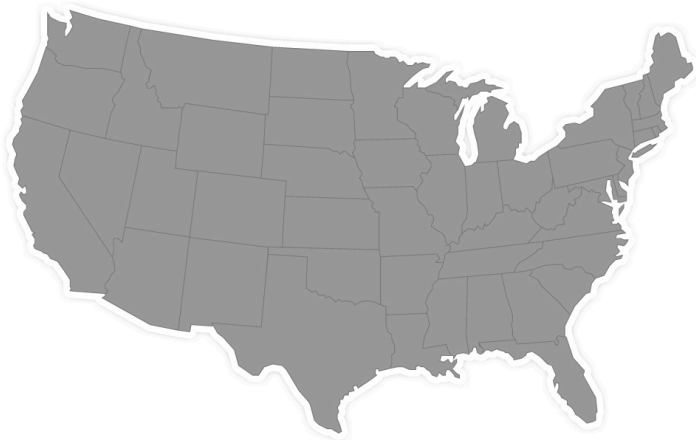
Report Release/Briefing: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs

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State Education Policy Project

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-- Other states --

ONLINE ASSESSMENT

Requirements for Online Administration

State Support for Other Online Assessments

General Information

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State View

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Online Assessment

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SUB-TOPICS
Requirements for Online Administration
State Support for Other Online Assessments



Topic View



SETDA – PARCC – SBAC CCSS Alignment Project

- ② Shared need for open identifiers and XML to allow for granular coding of CCSS for assessment items AND for other uses
- ② Six month effort to develop, vet approach and determine long-term governance
- ② Opportunities for involvement at multiple levels

SETDA-CCSSO TILSA

- ☉ Technology Readiness for Assessment
- ☉ Teacher/Student Readiness
- ☉ Security
- ☉ Device Validation

If Nothing Else...

- The shift is important – and is already underway.
- Shift to technology-based core education functions represents a sea change.
- Part of a broader shift – coordination and planning is critical.



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