



PARCC: An Educator's Assessment

December 2013

By Educators for Students

- Thousands of **K-12 educators** are leading test development
- More than 1,000 educators serve as **PARCC Educator Leader Cadre members**, spearheading professional development
- Hundreds of **faculty from colleges and universities** developing high school tests



Tests Worth Taking

- More **challenging** than current tests
- **Next-generation** design
- Measures **college and career readiness**
- Aligned to the **Common Core State Standards**
- Measures **writing across grades**
- **Timely data** for students and teachers
- **Supports different learning styles** and abilities
- **Comparable scores** across states



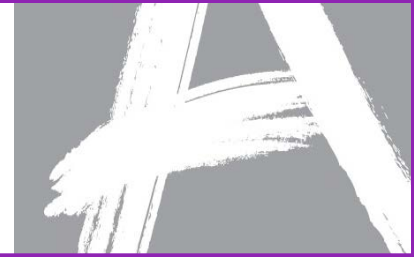
Promoting Student Access

PARCC is committed to the following principles:

- Use **Universal Design principles** to create accessible tests
- Measure the **full range** of complexity of the CC standards
- Use **technology** to make the assessment highly accessible
- Conduct **bias and sensitivity reviews** of all items



Leveraging Technology



Technology-Enhanced Items

- TEIs present assessment items and capture student responses in a way that cannot be accomplished with paper and pencil
- Enable scalable and cost-efficient delivery and scoring of cognitively complex tasks e.g., simulation, multimedia constructed response

Common Technology Platform

- Single platform for accessing summative and non-summative assessments, diagnostic tools, practice tests, curricular and PD resources will be available throughout the school year.

Student Accessibility Profiles

- Adherence to recognized technology standards will allow for supports and accessibility information to be embedded in digital test items.

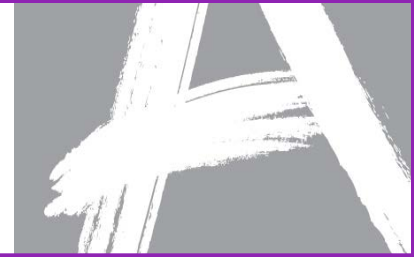
Scoring, Reporting, and Analysis

- Finer-grained data collection on student abilities.
- Automated scoring enables more timely results that allow assessments to inform instruction.
- Reduces paperwork, increases security and reduces need for shipping/receiving and storage.

PARCC Assessment Design: The Basics



Getting All Students College and Career Ready



Ongoing student support/interventions

K–2

Grades 3–8

High
School

Success In
first-year,
credit-bearing,
postsecondary
coursework

Voluntary K–2 assessment being developed, aligned to the Common Core State Standards

Timely data showing whether ALL students are on track for college and career readiness

College readiness score to identify who is ready for college-level coursework

Targeted interventions and supports:

- State-developed 12th-grade bridge courses

Professional development for educators

Performance Levels

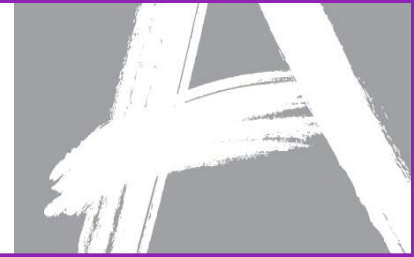


- PARCC will have **5 performance levels**
- Each of the proposed performance levels includes:
 - **Policy claims**, which describe educational implications for students at a particular performance level.
 - **General content claims**, which describe academic knowledge and skills students across grade levels performing at a given performance level are able to demonstrate.

PARCC Assessment Development: State Educator Led Design



State Educators Review Every Item



Group	Membership	Purpose	Total State Membership
Core Leadership Group	PARCC State Department of Education (DOE) K-12 and Higher Education staff or their designees	Review every reading passage and test item developed for the PARCC summative assessments, as well as any existing commissioned or permitted passages and/or test items that may be contributed to the available pool by PARCC states or other entities. One or more members of each of the Core Leadership teams will be responsible for reviewing agreed upon revisions and approving items for inclusion in the item pool	48 ELA 48 Mathematics
Bias and Sensitivity Content Reviewers	Citizens of PARCC States and educators from various backgrounds	Consider whether the subject matter, presentation, and language used is free of potential bias and acceptable to PARCC state students, parents, and other community members	48 ELA 36 Mathematics
PARCC State Educator Passage Reviewers (ELA only)	K-12 local education agency ELA staff and higher education ELA faculty from PARCC states	Review passages for suitability of content for use on PARCC Assessments	45 ELA
PARCC State Educator Content Review	K-12 local education agency staff and higher education faculty from PARCC states	Review test items for suitability of content for inclusion on PARCC assessments	ELA: 60 K-12 LEA 19 Higher Education Faculty Math: 60 K-12 LEA 19 Higher Education Faculty

Item Development: Innovative Items Aligned to the Common Core State Standards





Key Advances of the Common Core

ENGLISH LANGUAGE ARTS/LITERACY

Balance of literature and informational texts; focus on text complexity

Emphasis on argument, informative/explanatory writing, and research

Literacy standards for history, science and technical subjects

MATHEMATICS

Focus, coherence and clarity: emphasis on key topics at each grade level and coherent progression across grades

Balance between procedural fluency and understanding of concepts and skills

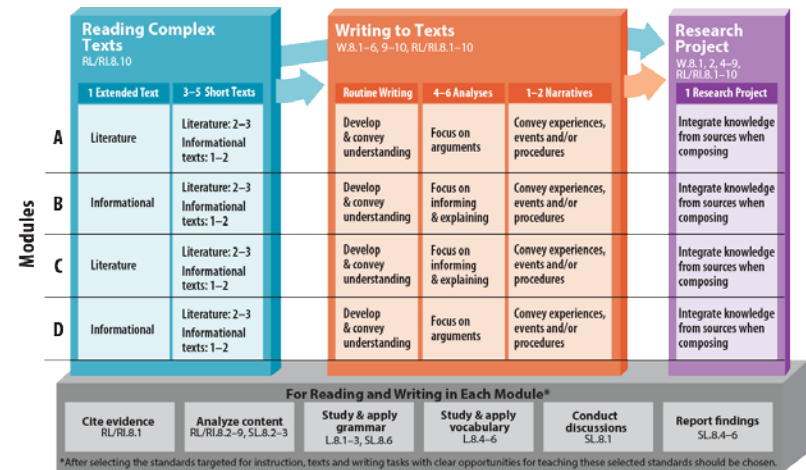
Promote rigor through mathematical proficiencies that foster reasoning and understanding across discipline



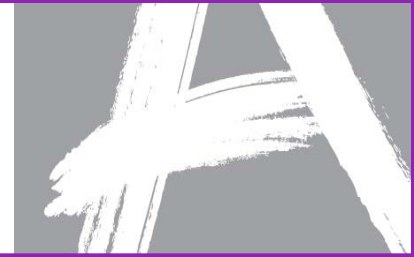
ANCHORED IN COLLEGE AND CAREER READINESS

Model Content Frameworks: A Tool for Teachers

- Available in math and ELA/literacy and **serve as a guide** for the development of the tests
- They can help teachers implement the Common Core by providing **examples of how the standards could be laid out** over the year.
- For more on Model Content Frameworks, visit:
www.parcconline.org/parcc-model-content-frameworks



Evidence-Centered Design (ECD) for the PARCC Assessments



Model Content Frameworks

To make claims about what students know, we must operationalize the standards

Evidence Statements

Based on analysis, evidence drive task development

Tasks

Tasks are designed to elicit specific **evidence** from students



In Math, Students will ...

**Solve grade-level
problems**

**Express mathematical
reasoning
by constructing
mathematical
arguments and critiques**

**Solve real-world
problems**

**Demonstrate
mathematical fluency**

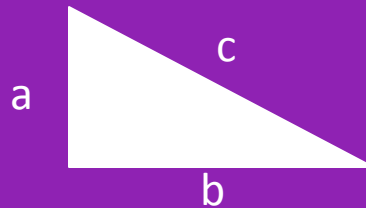
Three Types of Math Tasks

Concepts, skills
and procedures

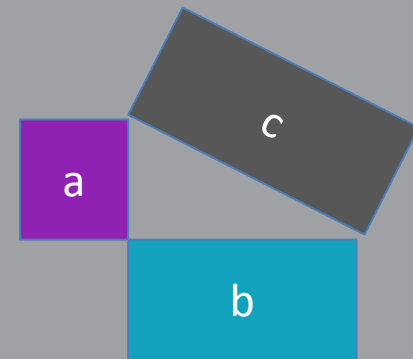
$$a^2 + b^2 = c^2$$

Mathematical
reasoning

$$a^2 + b^2 = c^2$$



Model and apply
what they know to
solve problems



Connecting School to the Real World

Students will be expected to:

- **Apply** mathematical ways of thinking to real-world issues and challenges
- **Develop** a depth of understanding of mathematics and demonstrate an ability to apply math concepts and skills to new situations

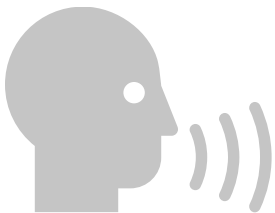
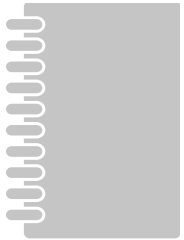


ELA/Literacy



Students will have to:

- Show they can read and understand complex reading passages
- Write persuasively
- Conduct research and present findings
- Demonstrate speaking and listening skills





ELA/Literacy

Students read and comprehend a range of sufficiently complex texts independently.

Reading Literature

Reading Informational Text

Vocabulary Interpretation and Use

Students write effectively when using and/or analyzing sources.

Written Expression

Conventions and Knowledge of Language

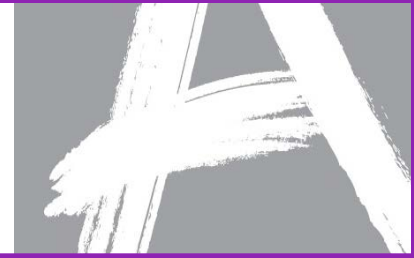
Students build and present knowledge through research and the integration, comparison, and synthesis of ideas.

PARCC Implementation Guidance: Technology Readiness

[http://www.parcconline.org/
technology](http://www.parcconline.org/technology)

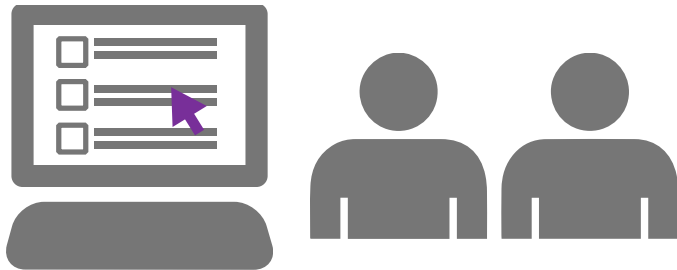


Technology in Schools



PARCC tests can be taken on a range of devices including: desktops, laptops, netbooks and tablets. These should be available for instruction and testing.

Some rule-of-thumb guidance:



Schools with up to **three tested grades** should consider having at least **one device for every two students** for the largest tested grade.



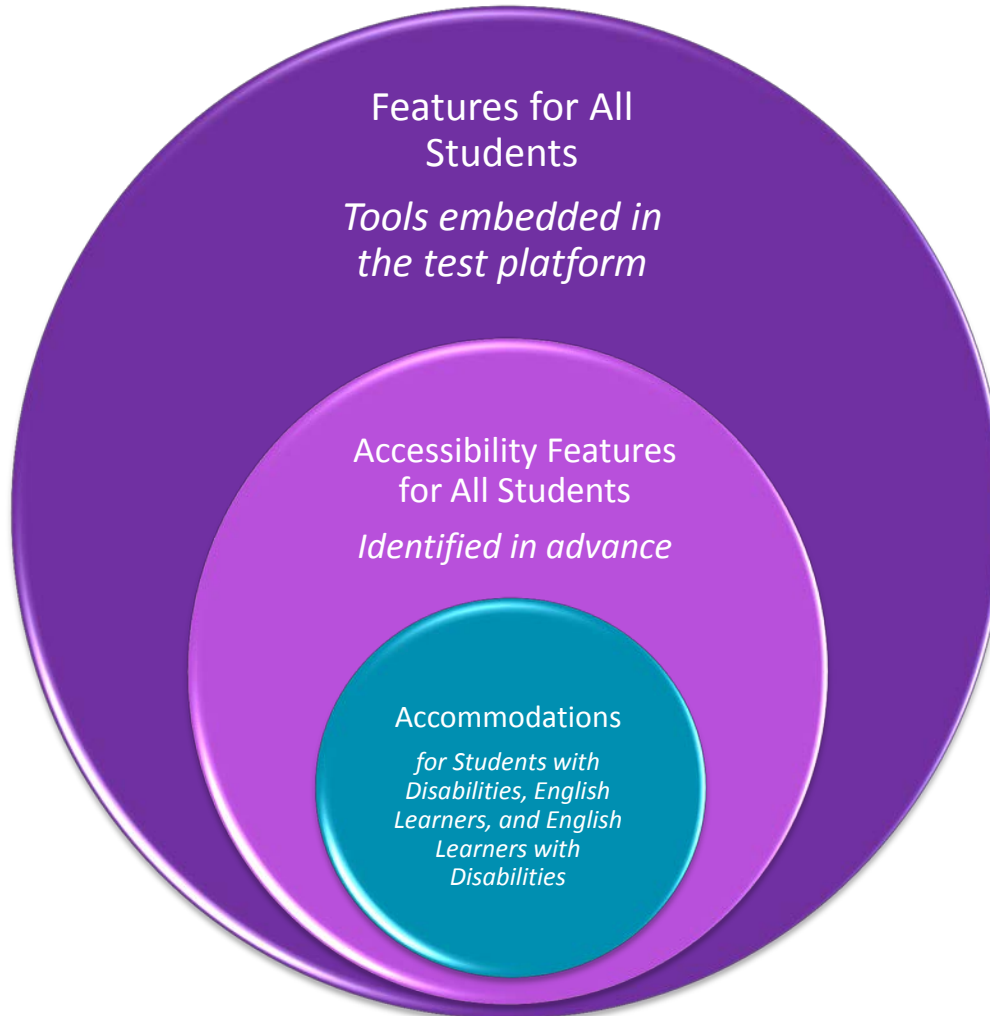
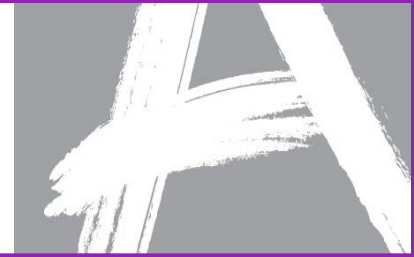
A school that has **six tested grades**, such as a K–8 school, should consider having **one device per student** in the largest tested grade.

PARCC Technology Specifications	Minimum	Recommended
Approved Devices	Desktops, laptops, netbooks, > 9.5” tablets, thin client/virtual desktop networks	
Operating System	Windows XP–SP3 (with caveats) Mac OS 5 Linux: Ubuntu 9-10, Fedora 6 iOS6 Android 4.0 Chrome OS	Windows 7 or newer Mac OS 10.7 or newer LINUX: Ubuntu 11.10, Fedora 16 iOS6 or newer Android 4.0 or newer Chrome OS
Screen Size	9.5”	9.5” or larger
Screen Resolution	1024 x 768	1024 x 768 or better
Bandwidth	With Caching: 5 kilobits per second (kbps)/student Without Caching: 50 kilobits per second	100 kilobits per second (kbps)/student or faster

PARCC Implementation Guidance: Accessibility and Accommodations



PARCC Accessibility System



PARCC Scores as Indicators of College Readiness



Promoting Success: College without Remediation

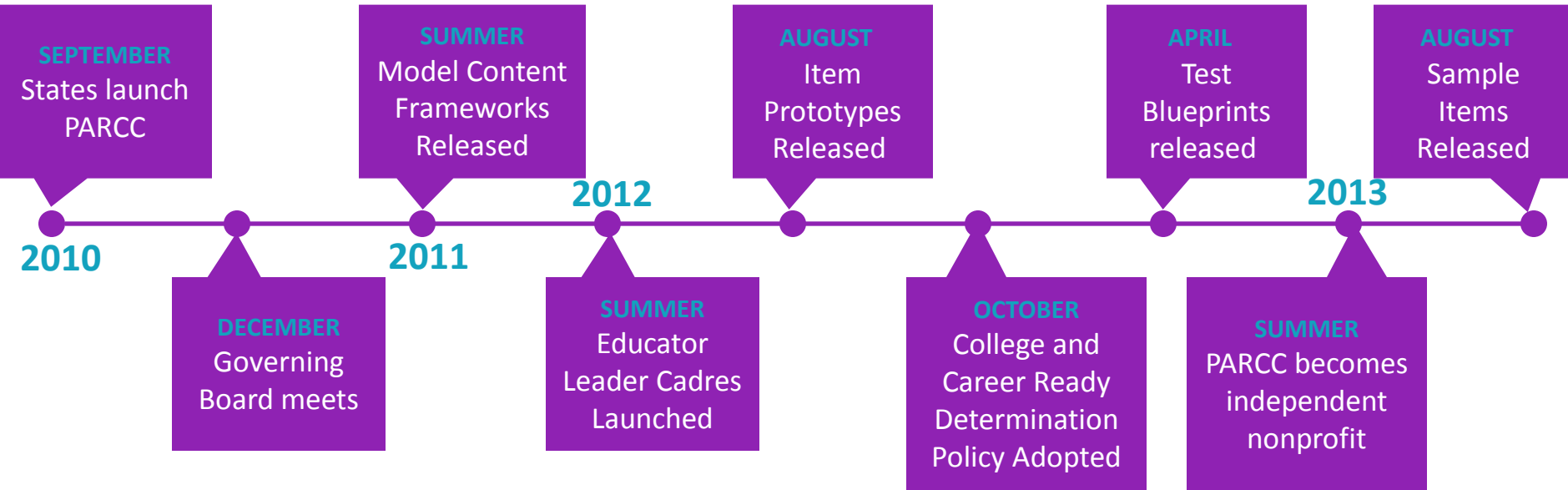
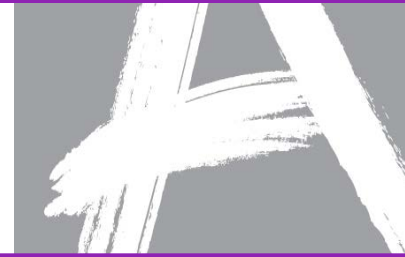
- Students will be able to enter into entry-level, credit-bearing courses at postsecondary institutions **without remediation** in ELA/Literacy and/or math
- **Guaranteed exemption** from remedial coursework at more than 700 colleges and universities
- For more, go to:
[www.parcconline.org/
parcc-assessment-policies](http://www.parcconline.org/parcc-assessment-policies)



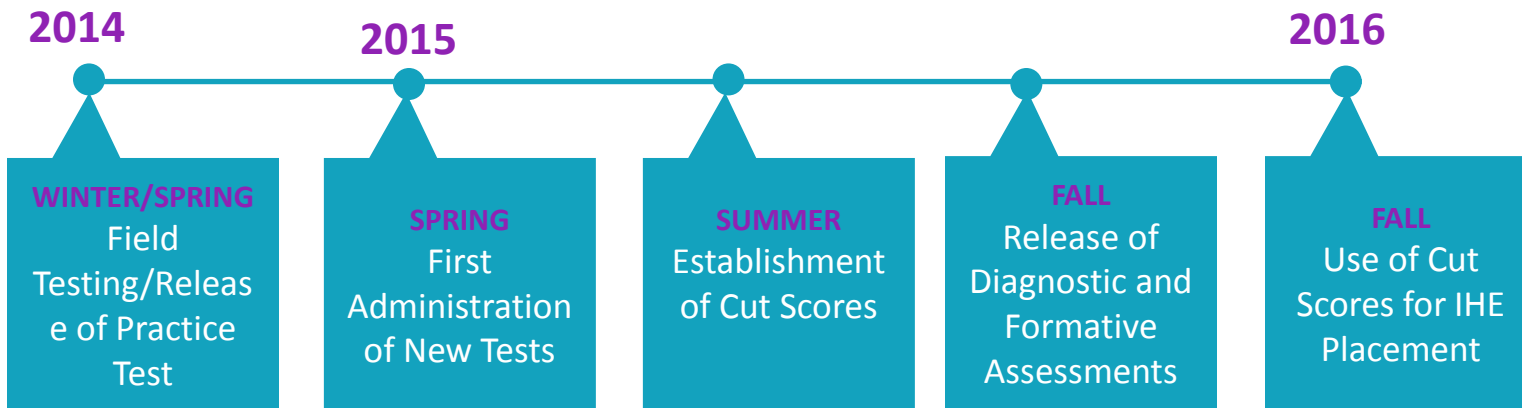
Progress Update: Key Developments



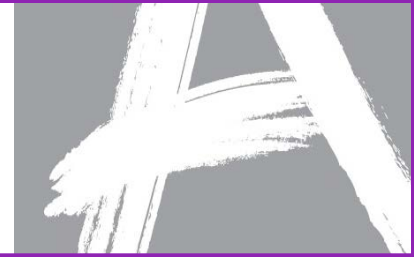
PARCC Timeline



Still to Come...

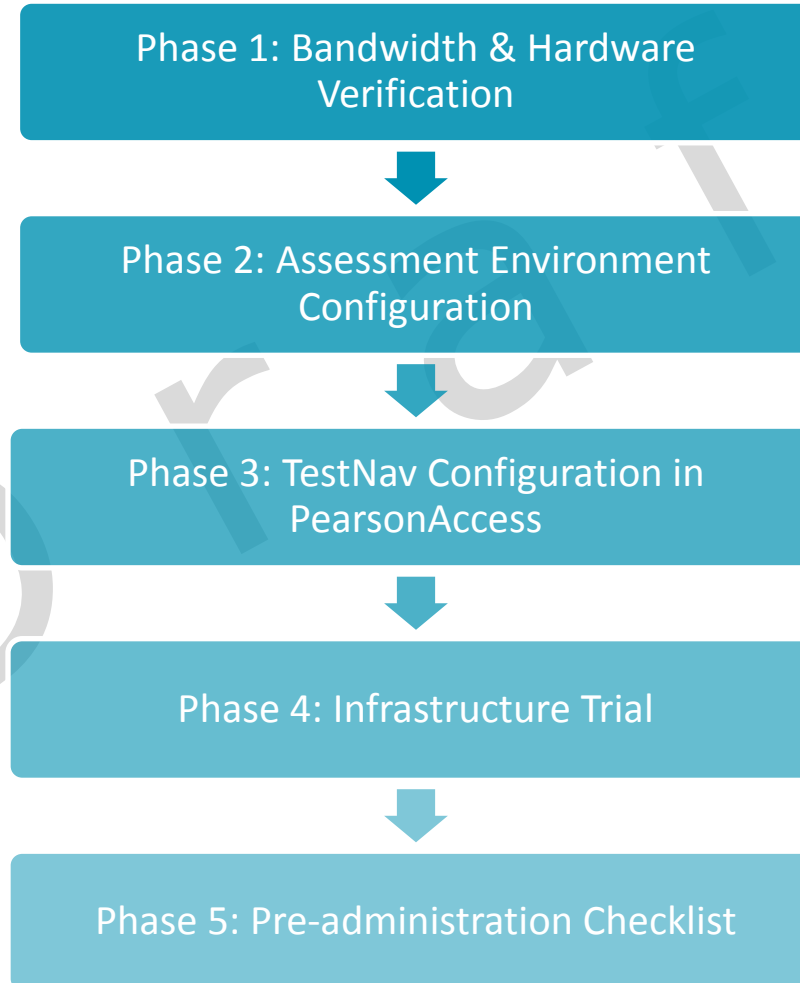


2014 Field Testing

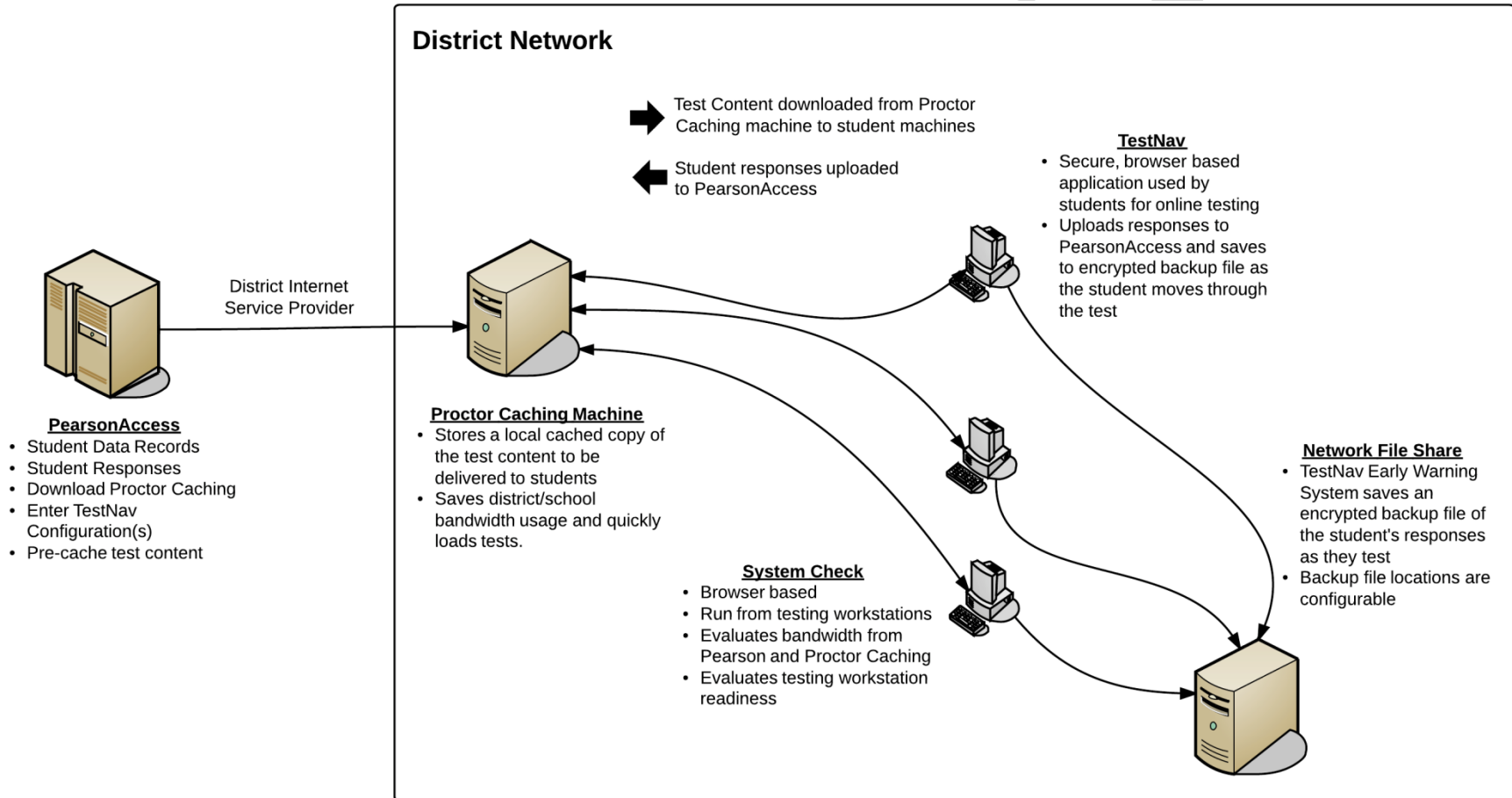


- Will be meeting with district contacts for those who are field testing **January 13th** to discuss who should attend
- Regional Workshop by Pearson on **February 3rd** at WNYRIC

Technology Activities: Phases for Site Readiness



Computer-Based Testing Components





TestNav Technology Requirements

- Firewalls, content, and spam filters must be set to allow access to Pearson domains
- Minimum screen resolution of 1024 x 768 is required
- Browser Requirements:
 - Java runtime plugin version 1.5 or higher
 - Windows firewall configured to allow javaw.exe to communicate
 - Accept Java applet
 - Allow pop-ups for Pearson sites
 - Allow local file access to home directory
- Complete requirements for TestNav 8 can be found at:
<http://PARCC.Pearson.com/TN8Requirements>

Note: For states using TestNav 7.5 for other assessments, Adobe Flash Player version 10 or higher is required for TestNav 7.5 but not for TestNav 8.



iPads & Computer-based Testing

Apple iPads have some unique challenges for TestNav

- iPads can not run Java so TestNav can't lock down the device properly like "standard" computers via the browser

Pearson has developed an iPad TestNav app which will be available from the App Store in early January 2014

- Student Response Files (SRFs) will be saved locally through the application

Districts must take steps to configure iPads to deliver tests securely

- Disable screen capture
- Disable Home button functionality
- Enable "single app" mode

Test Setup

Test Setup activities help you to prepare for both paper and online testing.

Home Organizations Student Data **Test Setup** Test Management Test Results

[Overview](#) | [Enter Administration Details](#) | [Order Additional Materials and Tracking](#) | [Manage Participation Counts](#) | [Configure TestNav](#)

Current organization: **TEST2** [change organization](#)

[Home](#) > Test Setup Overview

Test Setup Overview

[Return to Home](#)

PARCC Field Test 2014 -

Task

- [Enter Administration Details](#)
 - Submit supplement
- [Order Additional Materials and Tracking](#)
 - Order additional materials
 - Track orders and
- [Manage Participation Counts](#)
 - Enter student counts
- [Configure TestNav](#)
 - Manage proctor caching and TestNav client settings

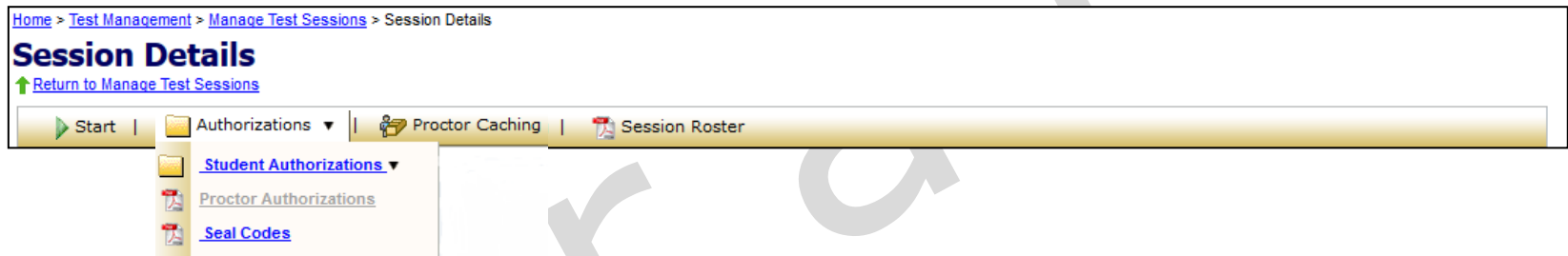
Select Administration:

Test Administration		Default
<input type="radio"/>	PARCC Field Test 2014 - PBA	
<input checked="" type="radio"/>	PARCC Field Test 2014 - EOY	
<input type="radio"/>	PARCC 2013 Item Tryout	

Results: 1 - 3 of 3

Authorizations - Seal Codes

Seal codes are the electronic equivalents of the adhesive tabs that are used to seal sections of paper test booklets.



- There will be one set of seal codes assigned to each test session.
- Before students in a test session can go to the next sealed section of an electronic test, they must enter the appropriate four-digit seal code.
- Seal codes for a specific test session are listed on the seal codes document.

TestNav 8 Student Interface

The screenshot displays the TestNav 8 student interface. At the top left, the text "TN8" is visible, and at the top right, it says "Not Signed In" with a user icon. Below this is a "HOME" header. The main content area features a "Sign In" section with the text "Please sign in:" followed by two input fields: "Username" and "Password". A blue "Sign In" button is positioned below these fields. To the right, a larger window shows a test question. The question header includes navigation icons (back, forward), "Review" and "Flag" buttons, and a timer showing "3:59:52 | f. last" with a user icon. The breadcrumb trail reads "HOME / AVAILABLE TESTS / T1 / 3 OF 41". The question itself features an illustration of the United States Capitol building and asks: "Which person listed below served the longest period of time as president of the United States?". The options are: A. George Washington, B. Grover Cleveland, C. Franklin D. Roosevelt, and D. George Bush.

TN8 Not Signed In

HOME

Sign In

Please sign in:


Username

Password

Sign In

← → Review Flag 3:59:52 | f. last

HOME / AVAILABLE TESTS / T1 / 3 OF 41



Which person listed below served the longest period of time as president of the United States?

- A. George Washington
- B. Grover Cleveland
- C. Franklin D. Roosevelt
- D. George Bush



Monitoring Test Sessions

The table below gives an explanation of the possible statuses for students as they test.

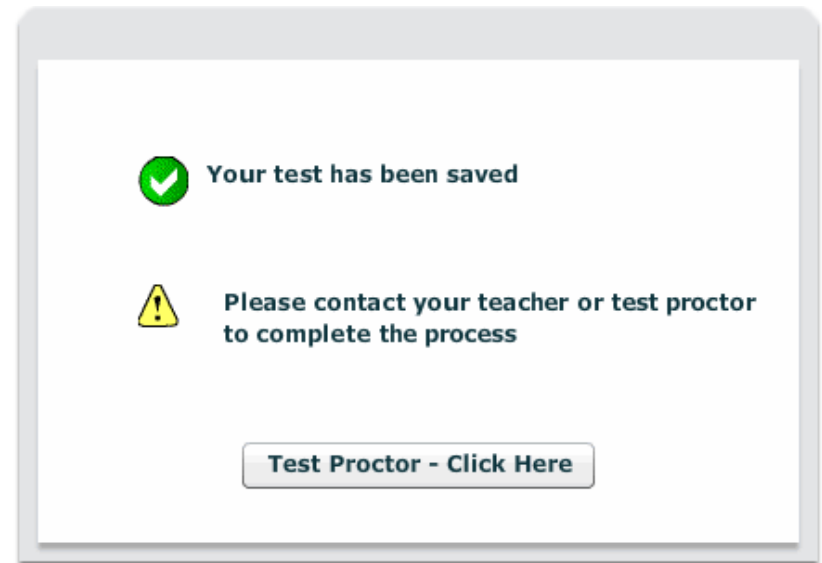
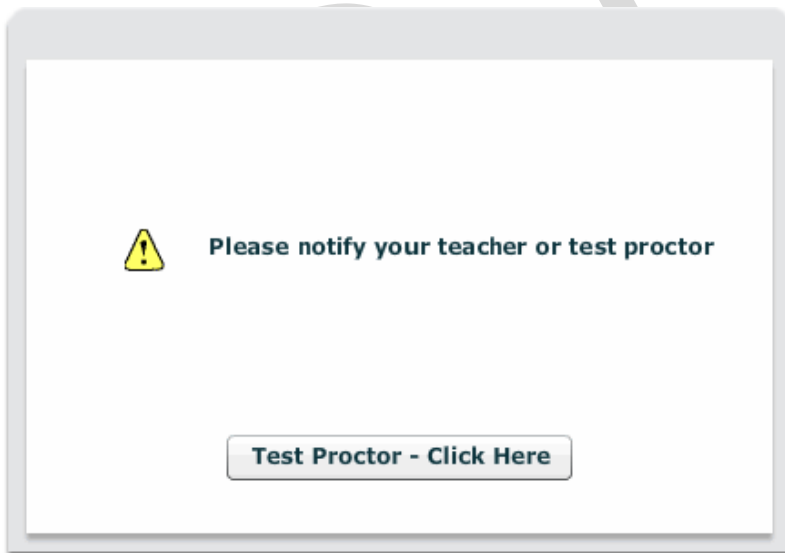
Status	Meaning
Ready	The student has not yet started the test.
Active	The student has logged in and started the test.
Exited	The student has exited TestNav but has not submitted test responses, e.g. took a break. (Student must be resumed by a test administrator to continue testing.)
Resumed	The student has been authorized by a test administrator to resume the test.
Resumed-Upload	The student has been authorized to resume the test, and any responses saved locally can be uploaded when the student is ready to continue testing.
Completed	The test has been submitted by the student through TestNav and the data has been processed.
Marked Complete	The student has exited TestNav and will not resume the same test, e.g. left due to illness.

TestNav Early Warning System: Test Proctor Click Here Screens

One of the following screens will appear when scenarios 1, 2, or 3 occurs.

Students should be instructed to ALWAYS raise their hand when presented with either of the Test Proctor Click Here screens. They should NEVER click the Test Proctor-Click Here button.

NOTE: It may be necessary to contact your local Technology Coordinator to determine the appropriate course of action.

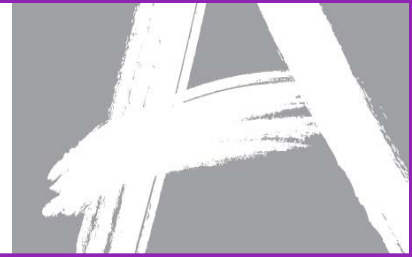


Accessibility Features and Accommodations: Tools

<http://parconline.org/field-test-technology> - Full Technology Specifications document

Accessibility Features and Accommodations Enabled for Computer-Based Test Administration in PARCC Field Test and Operational Administration													
	Windows		Mac		iOS		Chrome OS		Android		Linux		
	Spring 2014	Fall 2014	Spring 2014	Fall 2014	Spring 2014	Fall 2014	Spring 2014	Fall 2014	Spring 2014	Fall 2014	Spring 2014	Fall 2014	
TOOLS – Available for All Students													
Always Available													
Eliminate Answer Choice	Yes	Yes	Yes	Yes	Yes	Yes	No*	Yes	NA	Yes	NA	Yes	
Flag Items for Review	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Magnification/Enlargement Device	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Notepad	No	Yes	No	Yes	No	Yes	No	Yes	NA	Yes	NA	Yes	
Available by Test Form Selection													
Calculator - Scientific	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Calculator - Four function with square root	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Compass	No	TBD	No	TBD	No	TBD	No	TBD	NA	TBD	NA	TBD	
Graphic Organizer tool	No	TBD	No	TBD	No	TBD	No	TBD	NA	TBD	NA	TBD	
Pencil tool	No	TBD	No	TBD	No	TBD	No	TBD	NA	TBD	NA	TBD	
Protractor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Ruler Inches/Centimeters	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Available by Item/Passage													
Audio with Volume Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Highlight tool	No	TBD	No	TBD	No	TBD	No	TBD	NA	TBD	NA	TBD	
Pop-up Glossary	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Spell Check	Yes	Yes	Yes	Yes	Yes	Yes	TBD	Yes	NA	Yes	NA	Yes	
Video Playback	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	
Writing Tools (Cut/Copy/Paste)	Yes	Yes	Yes	Yes	Yes	Yes	TBD	Yes	NA	Yes	NA	Yes	

Learn More About PARCC



Partnership for Assessment of Readiness for College and Careers

www.parcconline.org

On Twitter:

@PARCCPlace

#askPARCC & #PARCCCEL

ELC Portal:

<http://parcc.nms.org>