



PARCC is an alliance of 22 states plus the U.S. Virgin Islands working together to develop a common set of K-12 assessments aligned to the Common Core State Standards (CCSS) in English language arts (ELA)/literacy and mathematics, anchored in what it takes to be ready for college and careers.

The CCSS call on students to have not only solid content knowledge but also the skills to apply their knowledge in ways demanded by colleges, careers, and citizenship in the 21st century. Measuring the full breadth of the CCSS will require new kinds of tests that measure what matters for students' futures. Moving to such an assessment system will require re-imagining assessments as we know them.

The next-generation assessment system envisioned by PARCC will have several benefits not found in current assessment systems including benefits to: students, who will know if they are on track to graduate ready for college and careers; teachers, who will receive results to guide learning and instruction; parents, who will have clear and timely information about the progress of their children; states, which will have valid results that are comparable across the member states; and the nation, since the assessments are based on the college- and career-ready, internationally-benchmarked CCSS.

PARCC Featured Desktop, Thin Client, Laptop & Chromebook Brands



PARCC Desktop, Thin Client, Laptop & Chromebook Specifications

NOTE Desktops, laptops, netbooks (Windows, Mac, Chrome, Linux), thin client, and tablets (iPad, Windows, and Android) will be compatible devices, provided they meet the established hardware, operating system, and networking specifications.

Operating System	Minimum Specifications	Recommended Specifications
Windows	^{3,4} Windows XP – Service Pack 3	Windows 7 or newer
Mac OS	Mac OS 10.5	Mac OS 10.7 or newer
Linux	Ubuntu 9-10, Fedora 6	Linux: Ubuntu 11.10, Fedora 16 or newer
Chrome OS	Chrome OS 19	Chrome OS 19 or newer
Memory	512 MB of RAM	1 GB RAM or greater
Connectivity	Computers must be able to connect to the Internet via wired or wireless networks.	Computers must be able to connect to the Internet via wired or wireless networks.
Screen Size	9.5 inch screen size or larger	9.5 inch screen size or larger
Screen Resolution	1024 x 768 resolution ⁵ or better	1024 x 768 resolution ⁵ or better
Input Device Requirements	Keyboard Mouse/Touchpad/Touchscreen	Keyboard Mouse/Touchpad/Touchscreen
	The input device must allow students to select/deselect, drag, and highlight text, objects, and areas. The input device must allow students to enter letters, numbers, and symbols and shift, tab, return, delete, and backspace. To meet security guidelines, each Bluetooth/wireless keyboard must be configured to pair with only a single computer during assessment administration.	
Headphone/Earphone and Microphone Requirements	Other assistive technologies may be needed for students requiring accommodations. PARCC will release Accessibility Guidelines and Accommodations Guidelines in June 2013.	
	Headphones/Earphones Microphone	Headphones/Earphones Microphone
	Headphones/earphones are required for all students for all PARCC assessments. Some student accommodations may also require headphones/ earphones (e.g., text to speech). Microphones are required for all students taking the Speaking and Listening Assessment. Some student accommodations may also require microphones (e.g., speech to text, voice controls) for other parts of the PARCC assessments.	

PARCC Featured Tablet Brands



PARCC Tablet Specifications

NOTE Desktops, laptops, chromebooks (Windows, Mac, Chrome, Linux), thin clients, and tablets (iPad, Windows, and Android) will be compatible devices provided they meet the established hardware, operating system, and networking specifications.

Operating System	Minimum Specifications	Recommended Specifications
Android	Android 4.0 (with 512 MB RAM or greater)	Android 4.0 or newer (with 1GB RAM or greater)
Apple iOS	iPad 2 running iOS 6 (with 512 MB RAM or greater)	iPad 2 or newer running iOS6 or newer (with 512 MB RAM or greater)
Windows	Windows 8 (with 512 MB RAM or greater)	Windows 8 or newer (with 1GB RAM or greater)
Memory	By operating system	By operating system
Connectivity	Computers must be able to connect to the Internet via wired or wireless networks.	Computers must be able to connect to the Internet via wired or wireless networks.
Screen Size	9.5 inch screen size or larger ⁷	9.5 inch screen size or larger ⁷
Screen Resolution	1024 x 768 resolution ⁵ or better	1024 x 768 resolution ⁵ or better
	Keyboard Mouse/Touchpad/Touchscreen	Keyboard Mouse/Touchpad/Touchscreen

Input Device Requirements

Due to the onscreen space occupied by a tablet's virtual keyboard, PARCC assessments will require external keyboards for test takers using tablets, so as not to limit or obscure the view of test item content and related functionalities when text input is required. Research studies to be conducted by PARCC in Spring 2013 are intended to yield data on students' use of virtual versus external keyboards. PARCC will refine this guidance as needed based on these results.

External keyboards must allow students to enter letters, numbers, and symbols and shift, tab, return, delete, and backspace. Tablet touchscreen interfaces can be used for student interactions with the assessments other than text input, including to select/deselect, drag, and highlight text, objects, and areas. To meet security guidelines, each Bluetooth/wireless keyboard must be configured to pair with only a single computer during assessment administration.

Other assistive technologies may be needed for students requiring accommodations. PARCC will release Accessibility Guidelines and Accommodations Guidelines in June 2013.

Discover the best solution for your Mobile Device Management needs.

As tablets, smart phones, iPads, and e-readers ease their way into the education system, school networks need a way to secure, configure, and manage all of these mobile devices. Mobile Device Management (MDM) is the key. It not only provides support for the increasing number of users, but also the ability to automatically identify and profile all devices and users on a network, enabling complete visibility and control.

MDM wireless solutions from AirWatch and Xirrus make it easy to enroll devices in your network quickly, configure and update device settings over-the-air, enforce security policies and compliance, and remotely wipe or lock managed devices. Let Howard help you take control with comprehensive, customizable MDM solutions.



Management
AirWatch's Mobile Device Management (MDM) solution enables you to manage large-scale deployments of mobile devices.



Tablets
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Wireless
Xirrus offers customizable solutions for solving the guest access, device onboarding, and security challenges of BYOD.

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