

Browser and System Specifications

The table below contains the browser and system specifications recommended for optimal use of the PMRN system.

Recommended Bandwidth Specifications	
External Connection to Internet	100 kbps per student or faster
Internal School Network	1000 kbps per student or faster
Desktop, Laptop, Netbook & Thin Client / Virtual Desktop Infrastructure	
Operating System	Recommended Specifications
Windows	Windows 7, Windows 8.1, Windows 10
Mac OS X	Mac OS 10.11.4 or newer
Linux	Linux: Ubuntu 16.10, Fedora 23 or newer
Chrome OS	Chrome OS 19 or newer
Memory	1gb RAM or greater
Connectivity	Computers must be able to connect to the Internet via wired or wireless networks.
Screen Size	9.5 inch screen size or larger
Screen Resolution	1024 x 768 resolution or higher
Input Device Requirements	<p>Keyboard, Mouse</p> <p>The input device must allow students to:</p> <ol style="list-style-type: none">1. Select/deselect, drag and highlight text, objects and areas.2. Enter letters, numbers and symbols and shift, tab, return, delete and backspace. <p>To meet security guidelines, each Bluetooth/wireless keyboard and/or mouse must be configured to pair with only a single computer during assessment administration.</p> <p>Other assistive technologies may be needed for students requiring accommodations.</p>
Headphone/Earphone and Microphone Requirements	Headphones are required for 3-12 FAIR-FS. Some student accommodations may also require headphones/earphones (e.g., text to speech).

Supported Web Browsers by Operating System for FAIR-FS

Operating System	Browser	Version	Flash Player
Windows 7	Chrome	51.0.2704.84	PPAPI 27.0.0.242 (embedded)
	Firefox	47.0	NPAPI 27.0.0.242
	Internet Explorer (IE)	11.0.10240.16384	ActiveX 21.0.0.242
Windows 8.1	Chrome	51.0.2704.84	PPAPI 27.0.0.242 (embedded)
	Firefox	47.0	NPAPI 27.0.0.242
	Internet Explorer (IE)	11.0.10240.16384	ActiveX 21.0.0.242 (embedded)
Windows 10	Chrome	51.0.2704.84	PPAPI 27.0.0.242 (embedded)
	Firefox	47.0	NPAPI 27.0.0.242
	Edge (IE)	20.10240	ActiveX 21.0.0.242(embedded)
Mac OS	Safari	9.1.1	NPAPI 27.0.0.242