

Minimum Requirements for Testing Devices

System Requirements

Device	Operating System	Minimum Requirements for Current Computers/Devices	Recommended Minimum for New Purchases
Windows laptops and Desktops NOTE: Windows Surface is not supported	Vista, 7, 8.0, 8.1, 10 Server 2003 and 2008	Pentium 4 Processor and above 512 MB RAM 200 MB hard drive free space	1 GHz processor 1 GB RAM 80 GB hard drive
Mac OS X laptops and desktops	OS X 10.7 to 10.11	Intel x64 Processor 1 GB RAM 200 MB hard drive free space	
iPad 2 and above NOTE: iPad mini is not supported	iOS 8.0 to 9.0	Requires Guided Access NOTE: Keyboard restrictions may apply for keyboards.	
Chromebooks	Running Chrome OS Stable Channel <i>only</i>		

Additional Hardware Requirements

Additional Hardware	Minimum Requirement
Screen Size	At minimum, the display must measure 9.5 inches (241.3 millimeters) diagonal.
Screen Resolution	Minimum 1024 x 768
Keyboards (iPad)	A virtual keyboard or any external keyboards can be used. NOTE: Third-party virtual keyboards are not compatible and are not allowed.
Pointing Device	A pointing device is required. Examples of a pointing device include a mouse, touch screen, touchpad, or other pointing device with which the student is familiar.
Network	Internet connectivity with a minimum of 20KBps available per student to be tested simultaneously is required.
Security	The NCEA Secure Browser must be installed and configured to prevent student access to unauthorized web sites or applications.