

## Florida TestNav 8.0.4 Hardware and Software Requirements

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### Overview

This document was developed by Pearson and the Florida Department of Education and contains technology requirements to help Florida districts and schools prepare for online testing using Pearson's TestNav 8 platform. In the 2014–15 school year, the following Next Generation Sunshine State Standards (NGSSS) assessments will be delivered using Pearson's system:

- Biology 1 EOC
- Civics EOC
- U.S. History EOC
- Algebra 1 EOC (retake)
- Geometry EOC (retake)
- FCAT 2.0 Reading Retake
- FCAT Mathematics Retake (SSS)

This document includes the following sections:

- [Recommended Hardware Requirements](#)
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### Recommended Hardware Requirements

Hardware Requirements	Windows	Macintosh	iPad	Chromebook
<b>Processor</b>	1 GHz or faster	Only Intel-based™ Macs are supported	any	any
<b>Memory</b>	1 GB RAM	1 GB RAM	any	any
<b>Screen size</b>	any	any	9.7 inch	any
<b>Screen resolution</b>	1024 x 768	1024 x 768	any	any

**Note:** Please do not make any technology changes during an online testing administration, including applying software patches. We know that some dependency updates, like recent Java versions that were pushed by Oracle, are forced and that you may be unable to delay them. While these updates are beyond the control of Pearson, we will make updates to our software as soon as possible if a forced dependency update causes problems in our software.

Specific thin client and virtualization vendors have gone through the TestNav Qualification program to qualify their products to work with TestNav. For more information on the qualified products, go to <http://www.testnavqualified.com>. Other thin client and desktop and tablet virtualization solutions of any kind are not qualified for online testing.

As a general rule of thumb regarding optimal student experiences for online testing, any computer that takes a noticeably long time (for example, 10 seconds or more) to start and run applications should be avoided for use with online testing.

## Recommended Software Requirements

You may use any combination that is marked with a ✓. A blank entry in the table means the option is not available or not supported.

Windows	IE 9.0	IE 10.0	IE 11.0	Chrome <sup>1</sup>	Firefox <sup>2</sup>
7	✓	✓	✓	✓	✓
8.0 <sup>3</sup>		✓		✓	✓
8.1 <sup>3</sup>			✓	✓	✓

Mac OS X	Safari 5.1	Safari 6.x	Safari 7.0	Firefox <sup>2</sup>
10.7		✓		✓
10.8		✓		✓
10.9			✓	✓

Tablet/Other OS	TestNav App
iOS 6	✓
iOS 7	✓
Chromebook Must be running Chrome OS 33	✓

<sup>1</sup>The Chrome browser must be version 31 or higher.

<sup>2</sup>The Firefox browser must be version 25 or higher on all supported platforms and version 25 to 28 on Mac OS X 10.7, 10.8, and 10.9.

<sup>3</sup> Windows RT is not supported. Intel-based tablets with Windows 8.0 and 8.1 must be used with an external keyboard and mouse and must have a 10 inch class screen.

## Additional Requirements

### Keyboards

The use of external keyboards is strongly recommended for iPads that will be used for testing. External keyboards are required for Windows tablets.

Students may use mechanical, manual, and Bluetooth-based keyboards. Some external keyboards have additional “shortcut” buttons that can create security issues. These buttons may allow students to open another application or the tablet's default on-screen keyboard. It is strongly recommended that students do not use keyboards that have these shortcut buttons.

## Browser Dependencies

### Java

Java is required on Mac and Windows platforms. The version which is compatible with your system depends on your browser, operating system, and security settings. These tables show the versions of Java that TestNav 8 supports. These are the same tables used by System Check.

TestNav 8/Mac OS X	
Browser	Java Versions
Safari 5.1	1.6.0.65
Safari 6	1.6, 1.7
Safari 6.1	1.6, 1.7
Safari 7	1.6, 1.7
Firefox	1.6.30, 1.7

TestNav 8/Windows	
Browser	Java Versions
IE 9	1.5, 1.6, 1.7
IE 10	1.6, 1.7
IE 11	1.7
Chrome	1.6, 1.7
Firefox	1.6.30, 1.7

### Other Dependencies

- Enable javaw.exe exception created in Windows Firewall.
- Enable pop-ups for Pearson sites.
- Enable Local File access to home directory.
- Disable all accelerators for Internet Explorer.
- Disable Skype plugins in Window 7 and Firefox.

## Firewall/Proxy Servers/Content Filtering

When using Proctor Caching, the following must be opened in any firewalls, proxy servers, or software that is used for internet content filtering:

URL:Port <sup>4</sup>
Your test delivery URL, for example: *.testnav.com:80 *.testnav.com:443
s3.amazonaws.com

<sup>4</sup> TestNav content is dynamically hosted in the cloud. No static IP addresses or ranges can be provided.