

FastBridge Learning

The Formative Assessment System for Teachers™ (FAST™)

Technical Requirements

July 2017

Research to Results™

FAST™ Technical Requirements

No Installation

FAST™ is web-based and requires no network or computer-based installation.

Supported Operating Systems and Browsers

Hardware vs. Browser	Windows ® 7/8	Windows ® 10	Macintosh 10.8 and higher	iPad 2 and higher	iPad Mini	Chromebook 56.0.2924.87 and higher**	Android 4.3+ Tablets
IE 10+	✓	✓	–	–	–	–	–
Microsoft Edge*	–	✓	–	–	–	–	–
Firefox 38.2 +	✓	✓	–	–	–	–	–
Chrome 44.0+	✓	✓	✓	✓	–	✓	✓
Safari 6.2.7+	–	–	✓	–	–	–	–
Safari (iOS 8.*)	–	–	–	✓	–	–	–

*There is a known issue with Microsoft regarding the Edge browser obscuring background colors when printing pages from the browser. This has an impact only on printed versions of FAST reports.

** Chrome OS version 60, currently in Beta, have not been tested.

Recommended screen resolution is 1200x800 or greater, with browser zoom set to 100%.

Mobile Devices

- **Chromebooks** – Supported for all assessments
- **Android Tablets (4.3+) and iPad 2 (or higher)** – Screen-sizes of 9-inches and larger are supported, with a minimum resolution of 970x540

Bandwidth requirements for aReading/aMath***

For optimal performance, schools must have sufficient bandwidth for aReading/aMath assessments. Performance testing has shown that 75Mbps of available bandwidth is optimal if a school district planned to test 500 students simultaneously on aReading. At this range, the average page response is in the 2–5 second range. At lower speeds, the latency is significantly higher and schools will likely have technical issues.

Extrapolation based on the recommended setting of 75Mbps for 500 simultaneous students

Number of Concurrent Students	50	100	200	300	400	500	1000
Available Bandwidth Required (Mbps)	7.5	15	30	45	60	75	150

Audio Requirements

Currently, no audio file format is supported by all browsers. We use mp3 files for FAST audio because it is one of the most compact audio formats that can be played on a variety of devices and browsers.

Other requirements

JavaScript/CSS: JavaScript must be enabled in the browser.

Cookies: Please permit cookies for the use of FAST™.

Pop-up Blockers: Turn off pop-up blockers for app.fastbridge.org

Secure Socket Layer (SSL): required. Ensure that Secure Socket Layer (SSL) is not blocked.

Email: Ensure that school or district email accounts can receive external emails from the fastbridge.org domain.

Portable Document Files (PDFs): Ensure all computers have Adobe® Reader installed for viewing Portable Document Files (PDFs).

Adobe Flash: Adobe Flash is only required if older versions of the browsers listed in the support matrix are used.



Systems Diagnostics Test

We encourage you to run a [systems diagnostics test](#) on your computer or mobile tablet device prior to using FAST.



Need Help? Contact School Support for “FAST” Assistance!

help@fastbridge.org

612-424-3714

*** The bandwidth requirement numbers assume an uninhibited network throughout the duration of the aReading/aMath administrations. Any other network activity in a dirty network (e.g., downloads, auto-installs) will lead to degradation of page response times during administration.*