



# **FastBridge Technical Requirements**



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## No Installation

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

## Supported Operating Systems and Browsers

FastBridge is used by educators and students and operates entirely within a web browser.

## Browser Support For Students

Windows desktops and laptops

- Chrome (version 91 or higher)
- Edge (version 88 or higher)
- Firefox (version 89 or higher)

Mac Desktops and laptops

- Safari (version 14 or higher)
- Chrome (version 91 or higher)

iOS mobile devices

- Mobile Safari (version 14 or higher)

Android mobile devices

- Chrome (version 91 or higher)

Chromebooks

- Chrome (version is 91 or higher)



## Browser Support for Educators

### Windows desktops and laptops

- Chrome (version is 80 or higher)
- Edge (version 79 or higher)
- Firefox (version 68 or higher)

### Mac Desktops and laptops

- Safari (version 13 or higher)
- Chrome (version 80 or higher)

### iOS mobile devices

- Mobile Safari (version 13 and greater; optimized for data collection purposes)

### Android mobile devices

- Chrome (version 80 or higher; optimized for data collection purposes)

### Chromebooks

- Chrome (version is 80 or higher)

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## Bandwidth requirements

For optimal performance, schools must have sufficient bandwidth for FastBridge assessments. Performance testing has shown that 75Mbps of available bandwidth is optimal if a school district planned to test 500 students simultaneously. 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.

|                               |    |     |     |     |     |     |      |
|-------------------------------|----|-----|-----|-----|-----|-----|------|
|                               | 50 | 100 | 200 | 300 | 400 | 500 | 1000 |
| Number of Concurrent Students |    |     |     |     |     |     |      |

|                                     |     |    |    |    |    |    |     |
|-------------------------------------|-----|----|----|----|----|----|-----|
| Available Bandwidth Required (Mbps) | 7.5 | 15 | 30 | 45 | 60 | 75 | 150 |
|-------------------------------------|-----|----|----|----|----|----|-----|

*Extrapolation based on the recommended setting of 75Mbps for 500 simultaneous students. The bandwidth requirement numbers assume an uninhibited network throughout the duration of the assessment administrations. Any other network activity in a ‘dirty’ network (e.g., downloads, auto-installs) will lead to degradation of page response times during administration.*

## Audio Requirements

Currently, no audio file format is supported by all browsers. FastBridge uses mp3 files for 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 FastBridge.
- **Pop-up Blockers:** Turn off pop-up blockers for \*.fastbridge.org
- **Secure Socket Layer (SSL):** required. Ensure that Secure Socket Layer (SSL), and specifically port 443, 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).



### **System Diagnostics Test**

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



### **Need Help? Contact School Support for Assistance!**

[help@fastbridge.org](mailto:help@fastbridge.org) | 949-242-0343