



## Technology Requirements Disclosure

Student computers, tablets or other electronic devices must meet the following requirements. Where applicable, any device issued by the school will meet these requirements.

### Screen Size

The system is best viewed at a minimum resolution of 800x600.

### Operating Systems

- Windows 10
- Mac OSX 10.6 and newer
- Linux - chromeOS

### Mobile Operating System Native App Support

As of January 5, 2019, Android apps require version 5.0 or later and iOS apps require version 11 or later. All Android and iOS both support the two most recent versions of their respective operating systems.

### Computer Speed and Processor

- Use a computer 5 years old or newer when possible
- 4GB of RAM
- 2GHz processor

### Webcam and Microphone

Students will need access to a webcam and microphone. If the student's computer or other electronic device does not come equipped with a built-in webcam and/or microphone, any external webcam and/or camera that is compatible with their device will be compatible with the school's online learning systems.

### Internet Speed

- Minimum of 512kbps

### Internet Browser

The system supports the current and first previous major releases of the following browsers:

- **Chrome** 73 and 74
- **Firefox** 65 and 66 (Extended Releases are not supported)
- **Flash** 31 and 32 (used for recording or viewing audio/video and uploading files)
- **Internet Explorer** 11 (*Windows only*—functionally supported; may exhibit slight visual differences from other browsers, but these differences do not restrict product functionality)
- **Edge** 42 and 44 (*Windows only*)
- **Respondus Lockdown Browser** (supporting the latest system requirements)
- **Safari** 11 and 12 (*Macintosh only*)

You should always use the most current version of your preferred browser. Your browser will notify you if there is a new version available. Some supported browsers may still produce a banner stating Your browser does not meet the minimum requirements. If you have upgraded your browser but you are still seeing the warning banner, try logging out of the system and deleting your browser cookies. The warning banner will display in versions of Firefox older than Firefox 60 and versions of Chrome older than Chrome 66.

## **Required Components**

Flash is required for recording audio and video in the Rich Content Editor. Other than these features, Flash is not required to use most areas of the system. Please note that some browsers may no longer support Flash.

The Java plug-in is required for screen sharing in Conferences. Please note that some browsers do not support Java. Otherwise, there are no other browser plug-ins used. JavaScript must be enabled to run.

## **Mobile Devices**

The system interface was optimized for desktop displays, so using small form factors such as phones may not be a pleasant experience. For the best user experience, please download the system's mobile applications.

Since the system uses small elements of Flash, not all features may be supported on mobile devices, especially on iOS. However, the system offers limited support for native mobile browsers on tablet devices. For additional details, please reference the limited-support mobile browser guidelines.

## **Mobile Browsers**

Visit the Apple store or the Play store to download mobile browsers. The following major browsers are compatible with mobile devices:

### **iOS**

- Safari (default browser with limited system support)
- Chrome
- Photon Flash Player (supports Flash)

### **Android**

- Chrome (default browser with limited system support)
- Internet
- Firefox