

BIE Science Benchmark and Summative Science Online Assessment Technology Preparation for School Year 2023-2024

Chromebook Users

The current BIE Science Kiosk Chrome app will be used for the school year 2023-2024. The chrome app will automatically update when it is launched, therefore no action is required to update the current kiosk app. If the app needs to be installed on a new workstation, download the app from the app store as per instructions in the Kiosk Installation Guide here: <https://bie.onlinehelp.cognia.org/resources/>. For the Science Benchmark assessments, students may use the Chrome app, or they may use a browser at <https://bie.cognia.org/student/login> to access their test. Accessing the Science Benchmark assessments using the browser eliminates the need to install or update the app, but it is a less secure testing environment. Information technology staff are advised to complete site readiness testing before any students begin testing for the new school year to ensure the site is ready to support online testing. The following Chrome versions will be supported for Fall 2023:

- Chrome OS™ LTS 108 and 114
- Chrome OS™ Stable Channel 113, 114, 115, 116

NOTE: eMetric strongly recommends the use of the Long-Term Support (LTS) channel. The LTS channel offers more stability by reducing the frequency of version updates while continuing to receive regular security updates. More information can be found on the Google support website:

<https://support.google.com/chrome/a/answer/11333726>

For further information on testing using a browser: <https://bie.onlinehelp.cognia.org/resources/>

Windows Users

A new Windows kiosk will be required for the 2023-2024 school year. The new kiosks became available to download on 11 September 2023. Schools must download the new kiosk from the BIE Science Assessment Portal at <https://bie.cognia.org/> and install on all Windows workstations that will be used to administer summative Science assessments in Spring 2024. For the Science Benchmark assessments, students may use the kiosk, or they may use a browser at <https://bie.cognia.org/student/login> to access their test. Accessing the Science Benchmark assessments using the browser eliminates the need to download and install a kiosk, but it is a less secure testing environment. Information technology staff are advised to complete site readiness testing before any students begin testing with the new Windows kiosk.

For further information on installing the Kiosk: <https://bie.onlinehelp.cognia.org/resources/>

The following Windows versions will be supported for Fall 2023:

- Windows 10 (21H2; 22H2), Windows 11 (21H2; 22H2)

For further information on testing using a browser: <https://bie.onlinehelp.cognia.org/resources/>

Mac Users

A new Mac kiosk will be required for the 2023-2024 school year. The new kiosks became available to download on 11 September 2023. Schools must download the new kiosk from the BIE Science Assessment Portal at <https://bie.cognia.org/> and install on all Mac workstations that will be used to administer summative Science assessments in Spring 2024. For the Science Benchmark assessments, students may use the kiosk, or they may use a browser at <https://bie.cognia.org/student/login> to access their test. Accessing the Science Benchmark assessments using the browser eliminates the need to download and install a kiosk, but it is a less secure testing environment. Information technology staff are advised to complete site readiness testing before any students begin testing with the new Mac kiosk.

For further information on installing the Kiosk: <https://bie.onlinehelp.cognia.org/resources/>

The following macOS versions will be supported for Fall 2023:

- macOS 12.6, macOS 13.4 (64-bit only)

For further information on testing using a browser: <https://bie.onlinehelp.cognia.org/resources/>

Student Testing Interface Specifications

System Requirements – All Hardware	
Connectivity	Student devices must be able to connect to the internet via wired or wireless networks.
Screen Size	9.7” screen size or larger/ “10-inch class” tablets or larger
Screen Resolution	1024 x 768 or larger
Browser Requirements	
Browsers ^a (Used for Practice Test Only)	Chrome™ 115 or newer Firefox® 115 or newer Microsoft Edge 114 or newer Safari® 16 or newer
Desktop and Laptop Specific Requirements	
CPU	1.3 GHz
Memory	2 GB (4 GB is strongly recommended for best performance)
Windows®	Windows 10 (21H2; 22H2), 11 ^b (21H2; 22H2)
macOS®	12.6, 13.4 (64-bit only)
Tablet and Chromebook Specific Requirements	
Chromebook™	Chrome OS™ Long Term Support (LTS) 108 and 114 ^c Chrome OS™ Stable Channel 114, 115, 116

a. Text-to-speech on browsers is partially supported.

b. Only in desktop mode. Windows 10 S is not supported.

c. Google releases new versions to the stable channel every four weeks and new versions to the Long-term Support (LTS) channel every six months. eMetric strongly recommends the use of the LTS channel. Devices on the LTS channel continue to receive frequent security fixes. See <https://support.google.com/chrome/a/answer/11333726> for additional information.

Additional information on supported systems can be found in the Technology Guidelines here:

<https://bie.onlinehelp.cognia.org/resources/>