

Disabling Hardware Acceleration to Improve Computer Performance

If your computer has slow response times for Microsoft Office or web browsers, disabling hardware acceleration may speed up your system. The setting can be draining on computer systems, which can affect response times. While the Technology Division automatically disables hardware acceleration where possible, users must individually change the setting in Microsoft Office applications. For other programs, you can verify that the setting has been disabled by following the steps below.

Notes:

- 1. Microsoft Edge is recommended for web browsing, as it has the least number of performance issues.
- 2. If you cannot change your setting in Edge or Chrome, it has already been changed and no further action is required.
- 3. Teachers, please share the instructions with students for Microsoft Office applications, such as PowerPoint, if this issue affects their use.

Microsoft Edge

- 1. From Edge, click the three dots in the upper right corner, then select **Settings**.
- 2. Click **System** in the menu on the left.
- 3. Locate and toggle off Use hardware acceleration when available.
- 4. Select the **Restart** button that appears.
- 5. If the toggle is greyed out, that means it has already been turned off for you. No further action is required.





- 1. From Chrome, open Settings.
- 2. Near the bottom of the left menu, click **Advanced**.



- 3. Scroll down to the **System** section and toggle off **Use hardware acceleration when available**.
- 4. Click **Relaunch** to apply the changes.

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Continue running background apps when Google Chrome is close	ed 🖉 🔊
Use hardware acceleration when available	Relaunch
Open proxy settings	Z

Microsoft Teams

- 1. From Teams, click the three dots next to your icon in the top right corner.
- 2. Click Settings.
- 3. Under the **General** tab, scroll until you find **Application**.
- 5. Locate and check the **Disable GPU hardware acceleration** box.



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6. Restart your computer for the change to take effect.

Settings		\times
හි General	Application	
E Accounts	To restart, right-click the Teams icon in the taskbar, then select Quit. Then reopen Teams.	
🕆 Privacy	Auto-start application	
\bigcirc Notifications	Open application in background	
ଡ଼ି Devices	On close, keep the application running	
(†) App permissions	Disable GPU hardware acceleration (requires restarting Teams)	
© Captions and transcripts	 Register Teams as the chat app for Office (requires restarting Office applications) 	
🗅 Files	 Enable logging for meeting diagnostics (requires restarting Teams) 	
& Calls		

Microsoft PowerPoint

Note: Disabling hardware acceleration in PowerPoint also corrects issues with embedded videos not playing in a presentation.

- 1. Within PowerPoint, click File.
- 2. At the bottom of the menu on the left, select **Options.**
- 3. Click **Advanced**, then scroll through the page to **Display**.
- 4. Check Disable Slide Show hardware graphics acceleration.

owerPoint Options	
General	Display
Proofing	
Save	Show this number of <u>Recent Presentations</u> :
Language	Show this number of unpinned Recent Folders: 50 0
Accessibility	✓ Show shortcut keys in ScreenTips
Advanced	Show vertical ruler
Customize Ribbon	Disable Slide Show hardware graphics acceleration
Quick Access Toolbar	 Automatically extend display when presenting on a laptop or tablet See others who have reviewed a selected item
Add-ins	Open all documents using this view The view saved in the file



PCSD Technology Services 3/16/22 5. Restart your computer.

Additional Microsoft applications, such as Excel, have a similar process: File > Options > Advanced > Display > Disable hardware acceleration.