

How to improve virtual classroom performance in Chrome browser for presenter?

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You may have noticed that the version 57 of Google Chrome brought some changes with it. Long story short, if you are not a certain tab, Chrome may put it to sleep to use fewer resources, which in principle is a nice concept, but this may interfere with screen sharing interactive applications. In order to avoid delays, **We recommend disabling "Throttle expensive background timers" for Presenter/Teacher.**

Open a new tab in Chrome, and paste this into the address bar and hit enter :

`chrome://flags/#expensive-background-timer-throttling`

Locate the line with "Throttle expensive background timers" and choose disabled from the drop-down options. Then, at the bottom of the screen, hit relaunch to restart your browser.

The screenshot shows the Chrome flags page with the following settings:

- Throttle expensive background timers** (highlighted in yellow): Enabled intervention to limit CPU usage of background timers to 1%. – Mac, Windows, Linux, Chrome OS, Android. **Disabled** (indicated by a red arrow).
- Manage audio focus across tabs**: Manage audio focus across tabs to improve the audio mixing. – Mac, Windows, Linux, Chrome OS. **Disabled**.
- Enable new Print Preview UI**: If enabled, Print Preview will display a newer UI. This feature is activated if either this flag or #upcoming-ui-features is enabled. – Mac, Windows, Linux, Chrome OS. **Default**.
- Enable N-up printing**: Enable N-up printing in the print preview panel. – Mac, Windows, Linux, Chrome OS, Android. **Default**.
- Enable Cloud Printer Handler**: Use the new cloud printer handler for communicating with the cloud print server, instead of the cloud print interface in the Print Preview WebUI. – Mac, Windows, Linux, Chrome OS. **Default**.

At the bottom of the page, there is a message: "Your changes will take effect the next time you relaunch Google Chrome." and a blue button labeled "RELAUNCH NOW" (indicated by a red arrow).