Chromebook Managers

Articles in this section are intended for library specialists and other staff who manage Chromebooks at a campus.

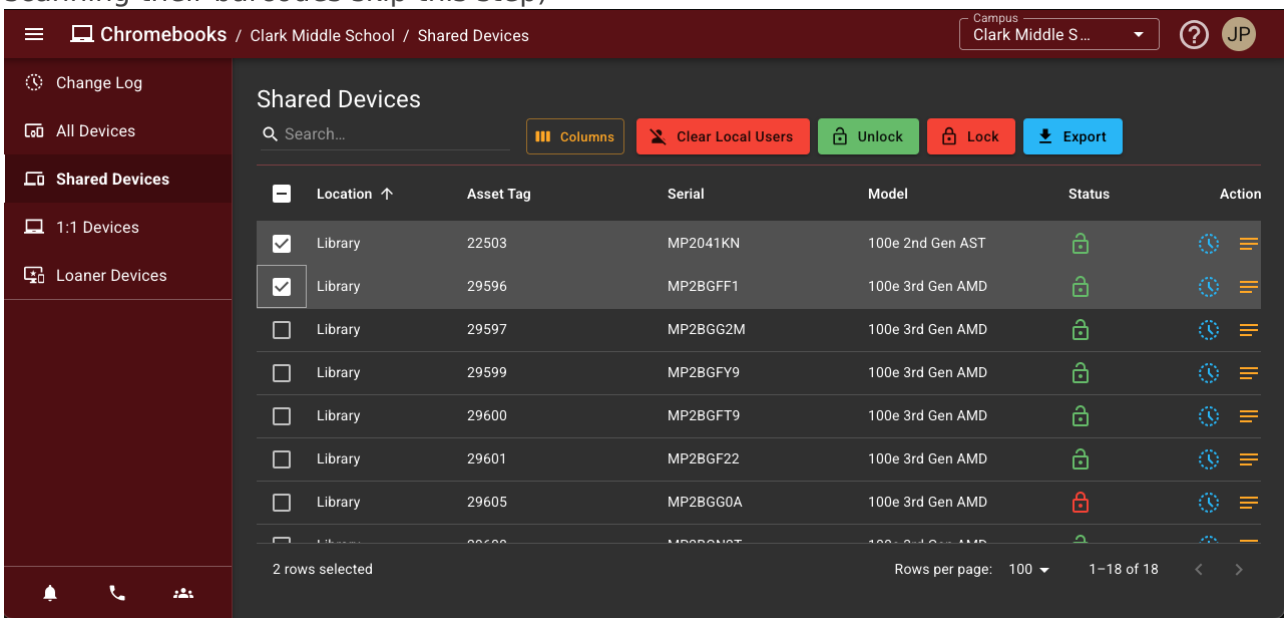
- Chromebook Manager Overview
- Chromebook Functionality Check
- Campus Chromebook Checks

Chromebook Manager Overview

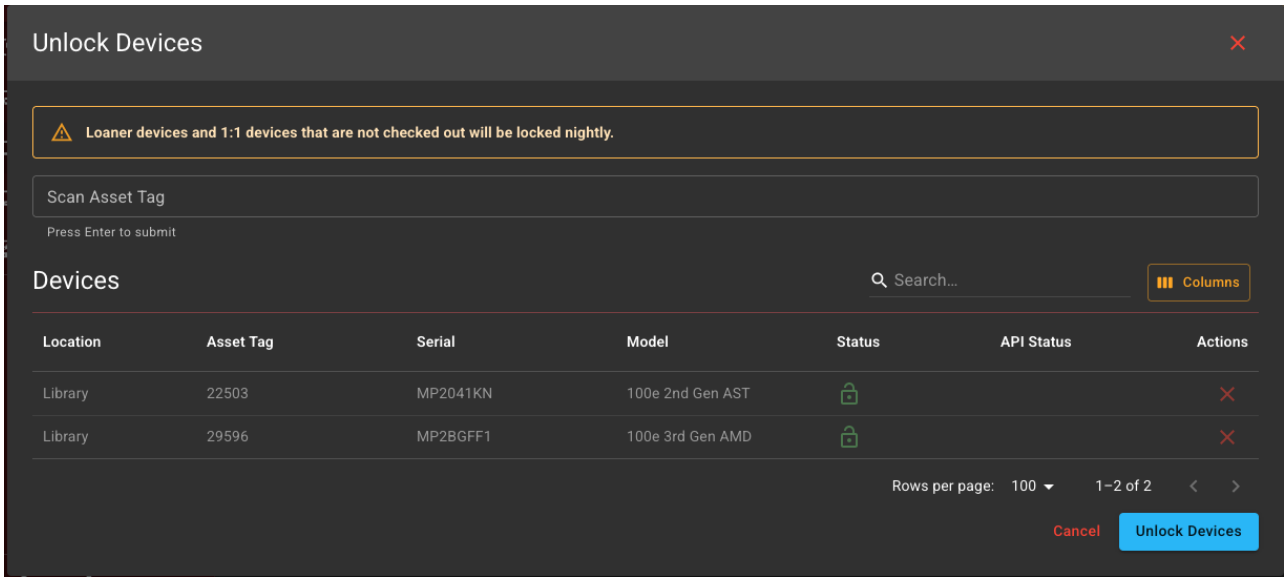
Lock and Unlock Devices

> Loaner devices and 1:1 devices that are not checked out will be locked nightly.

1. Log in to Chromebook Manager (https://chromebooks.princetonisd.net)
2. Use the checkboxes to select devices to lock or unlock (if you want to select devices by scanning their barcodes skip this step)



3. Click **Lock** or **Unlock** at the top of the page
4. At this point, you can select additional devices by scanning their barcode into the "Scan Asset Tag" field or remove devices by clicking the red X on the right side of their row.



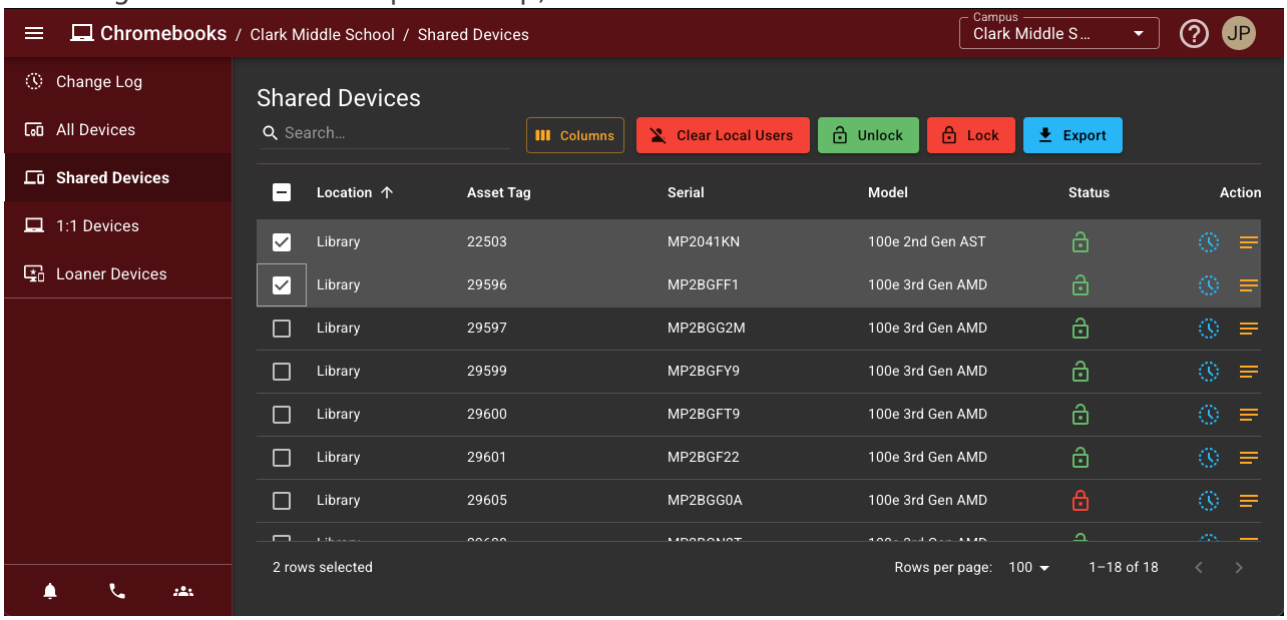
5. Click **Lock Devices** or **Unlock Devices**
6. Wait for the requests to process. You will see the status of each request update in the view

Clear Local Users (Powerwash)

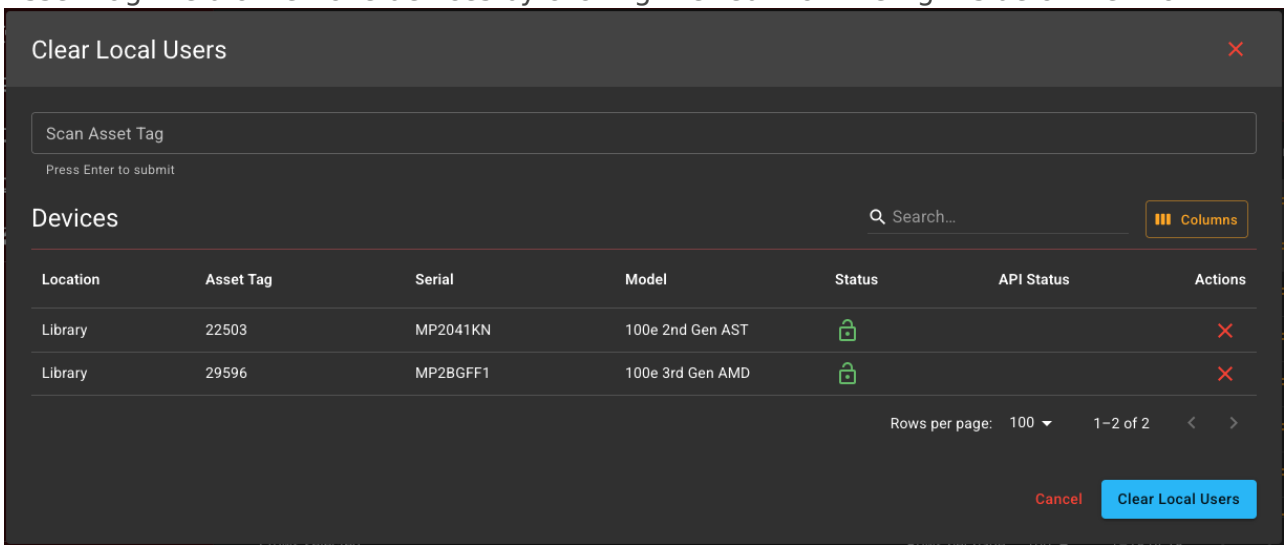
> Note: The action will take place the next time the device is powered on and connected to the network.

> All local user data will be cleared. This action is irreversible.

1. Log in to Chromebook Manager (https://chromebooks.princetonisd.net)
2. Use the checkboxes to select devices to lock or unlock (if you want to select devices by scanning their barcodes skip this step)



3. Click **Clear Local Users** at the top of the page
4. At this point, you can select additional devices by scanning their barcode into the "Scan Asset Tag" field or remove devices by clicking the red X on the right side of their row.



5. Click **Clear Local Users**
6. Wait for the requests to process. You will see the status of each request update in the view

Change Log

You can view past actions and their results on the Change Log page. Actions with a Pending status have not yet been completed. You do not need to attempt these actions again. They will be completed the next time the device is powered on and connected to the network.

Chromebook Functionality Check

> This article is intended for technicians and library specialists. If you are doing a class Chromebook check, click here.

When repairing a chromebook or assessing it for damage, please follow the following procedures when either determining if a chromebook needs repairs or to check that the chromebook is fully functioning after it has been repaired:

1. Wipe Chromebook

If any chromebook is brought in for repairs, it needs to be wiped first.

Power down the chromebook. Hold down Escape and Refresh(the arrow in a circle) and push the power button. When the OS recovery screen loads, hit CTRL-D. Press the key that is listed to turn OS verification off. This is usually space or enter. When the chromebook switches to OS Verification is off, press the key to turn OS verification ON. This is usually space or enter. If requested, hit Enter to confirm.

The chromebook will reboot a few times and will eventually will come back to the setup screen. Connect the chromebook to PISD-Public when prompted for a network, and continue setup. The chromebook should come up to an enterprise enrollment screen. If it loads to a normal google login screen, hit CTRL-ALT-E to load enterprise enrollment. Log in with your district email and continue the setup. Once the Chromebook is at the log in screen, log in and continue the steps below.

2. Check for updates

Once logged in to the Chromebook, click the clock in the bottom right corner, and click the settings gear in the window that opens.

In the new window, click the About Chrome OS tab and click 'Check for Updates'

3. Run a Chromebook check

From the login screen, click **Apps** then click **Chromebooks - Princeton ISD**. Follow the prompts to complete each test.

Campus Chromebook Checks

Overview

Starting this year, Chromebook checks will be completes on the device itself where possible and reports will appear in Chromebook Manager. Teachers will be directing their classes through the steps outlined in this article. The results of those tests will be available in Chromebook Manager.

As Chromebook reports come in, they should be prioritized and handled as normal repairs. The students will need to be called down in order of priority and their Chromebooks will need to be exchanged and repaired. Priority, in this case, is determined by a problem's impact on testing. **EG:** Touchpad not working takes priority over cosmetic cracks. Webcam issues are not a priority at all unless the webcam is required for the test. These items still need to be addressed but items that impact testing need to be addressed first.

In some cases, a Chromebook will be so damaged that it is unable to complete a hardware check. These devices will need to be identified for repair outside of Chromebook Manager for now.

Filtering

Chromebook Manager has a wide range of filtering options. If you're just wanting to show Chromebooks that have failed their checks, you can paste the following in the filter box.

```
hardware_check:=failed
```

If you're looking for devices that have failed a specific check, you can paste and modify the following in the filter box. Replace [test] with the test you're looking for.

```
hardware_check:=failed failed_tests:[test]
```

EG: To return devices that have failed the stress test, enter the following in the filter box.

```
hardware_check:=failed failed_tests:stress
```

You can also filter for devices that have never completed a hardware check.

```
hardware_check:=never
```

If you find yourself constantly returning to the same filter, click the sliders button in the filter field and save your filter. You can also find your recent filters here.