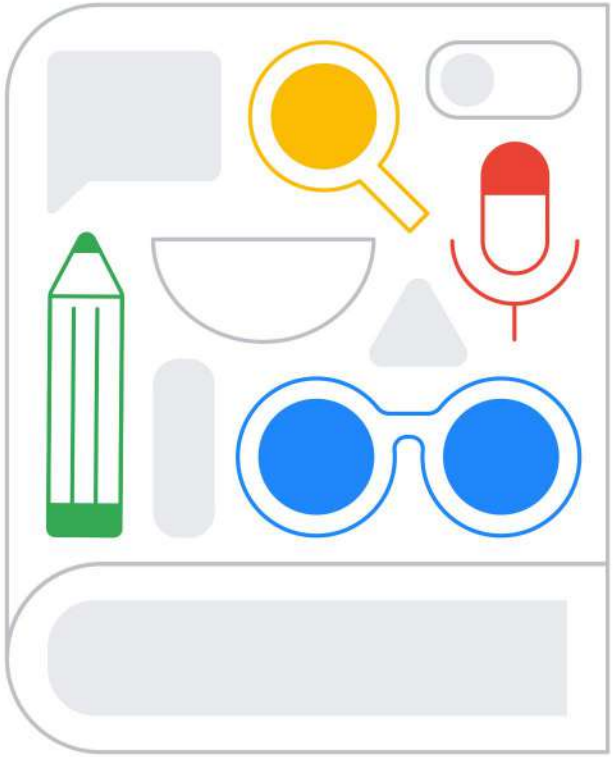
Google for Education

Digisoft

Chrome Education Upgrade



Schools are navigating an ever-changing educational environment to support learning from anywhere

As schools have shifted from remote learning to physical classrooms, identifying the right path to digital transformation is pivotal.

Proprietary + Confidential

Remote and hybrid learning have only exacerbated the challenges that IT teams face

Slow roll-outs

It's time-consuming to provision and deploy new devices at scale.

Cyberbullying

Admins often don't have oversight on how devices are being used.

Fragmented IT

Various platforms and locations create a fragmented tech portfolio.

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Distributed classrooms are more vulnerable to threats

Security breaches

Remote learning allows more opportunity for cybersecurity breaches.

Unmanaged fleets

Parents look to schools to educate and inform them on online safety.

Data exposure

Schools need to ensure the safety of highly sensitive student data.

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Teachers are tight on time and resources

The pressure on educators is at an all-time high as they struggle to manage:

- Growing class sizes
- Increased workloads
- Recruitment shortages
- Depleted budgets

44% of teachers say they're likely to find a different job within the next two years due to increased burnout.[1]

1. Education Week

Proprietary + Confidential

Delivering the best outcomes for all students requires knowledge of different teaching solutions

As schools turn to self-directed online learning environments, as well as teacher-led classrooms, there is a risk of tech tools being under-used or misused.

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Schools need a solution that simplifies administration for IT teams, so EdTech supports teachers the way it should

37%

of schools report understaffing in IT-related roles to effectively support the needs of the district and schools.[1]

66%

of schools report that they're missing a full-time cybersecurity IT staff member.[1]

#1

The top technology challenge for schools related to IT support is budget constraints and lack of resources.[1]

1. CoSN 2023 State of Edtech Leadership national survey

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Chrome Education Upgrade

Manage your ChromeOS environment to best meet the individual needs of every student and teacher.

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The next frontier in education

Put school admins in the driver's seat with Chrome Education Upgrade.

Simplified deployment

Access device policies from the cloud-based Google Admin console.

Powerful access controls

Put admins in control of what users can access—from any device.

Advanced security

Disable lost Chromebooks remotely or wipe user data after each session.

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Simplified deployment enables quick device roll-outs

Fast-track purchase and deployment

with zero-touch enrollment or with a hardware and Chrome Education Upgrade bundled purchase.*

Provision at scale

and manage policies via the Google Admin console for student-owned and school-issued devices.

Track and analyze devices

for granular fleet management and device reporting.

*Subject to availability.

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Powerful access controls simplify fleet management

Set access settings

to ensure devices are only used for schoolwork and prevent unauthorized access.

Use devices for testing

with Locked and Kiosk mode to keep testing data safe and prevent cheating.

Share devices

with managed guest sessions for libraries and labs where sign-in isn't required.

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Advanced security keeps devices safe—anywhere

Advanced settings

let you control OS updates and ensure devices are always enrolled to your domain with persistent enrollment.

Ensure every device is more secure

whether they're owned by a student or the school and connect private devices to your network.

Protect your data

by remotely disabling or wiping Chromebooks that have been stolen or displaying a "please return" message when lost.

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24/7

Administrators can access ChromeOS troubleshooting assistance and contact Google directly if any issues arise, at no additional cost.

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Save time managing devices

Deployment is simple with Chromebooks. It's 5 minutes per Chromebook compared with 20 minutes per other device. Management is also significantly easier. Our team is doing more work in terms of supporting other areas of the school proactively."

Assistant Headmaster
Secondary School, United Kingdom

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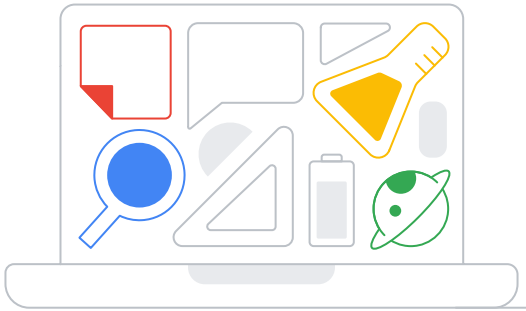
Flexible purchase options let you choose a standalone upgrade or ready-to-go device bundle



Standalone upgrade

Schools can purchase a Chrome Education Upgrade for each Chromebook they want to manage. Upgrades are added to a school's domain and consumed as devices are enrolled.

This option is recommended when:

- Schools already have existing devices
- Schools want the flexibility to purchase devices and Chrome Education Upgrade separately

Bundled with device purchases

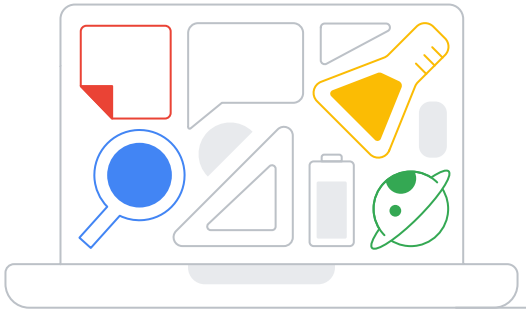
Schools can purchase Chromebooks and Chrome Education Upgrade bundled together. Chromebooks come ready to enroll without collecting customer information at the time of sale.

This option is recommended when:

- Schools need to purchase new devices
- Schools want to streamline the purchasing, deployment, and provisioning process via one vendor

Only include if customer has legacy device

Convert your fleet with ChromeOS Flex and give everyone in your school the power of a cloud-based operating system



Google for Education

Re-energize your devices with a modern OS

Manage your entire ChromeOS fleet with Chrome Education Upgrade – including Macs, PCs, and Linux devices converted with ChromeOS Flex.

ChromeOS Flex can help you:

- Extend the life of your devices by 2–3 times longer than the lifespan of a typical laptop.[1]
- Centrally manage all devices—new and older Chromebooks, as well as converted machines—all from your Google Admin console.
- Cut your school's e-waste and save devices from the landfill—while saving time and costs.
- Accelerate cloud-based innovation and digital skills for staff, educators, and students.

Learn more about ChromeOS Flex →

1. Business News Daily, 2023

Bundling Chromebooks with Chrome Education Upgrade reduces time, effort, and complexity

Purchasing a bundle dramatically streamlines the purchasing, provisioning, and deployment of Chromebooks.

Simplifies the **buying** process

Streamlines the **provisioning** process

Centralizes the **deployment** process

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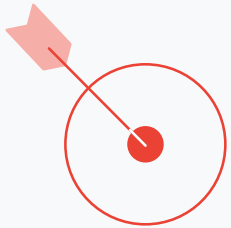

Chrome Education Upgrade

Top features

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Customize and manage settings across users and devices, at scale

Easily configure settings to suit the needs of your users today and tomorrow.

User settings

Manage user-based settings on Chrome browsers and ChromeOS devices.

Device settings

Manage ChromeOS device settings.

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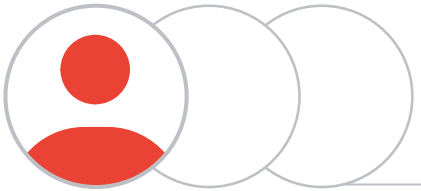
User settings

Create a unique experience for every user to meet their teaching and learning needs.

User settings help maintain control over who can sign in on your Chromebooks. For example, you can create a policy that only allows users within your domain to sign in.



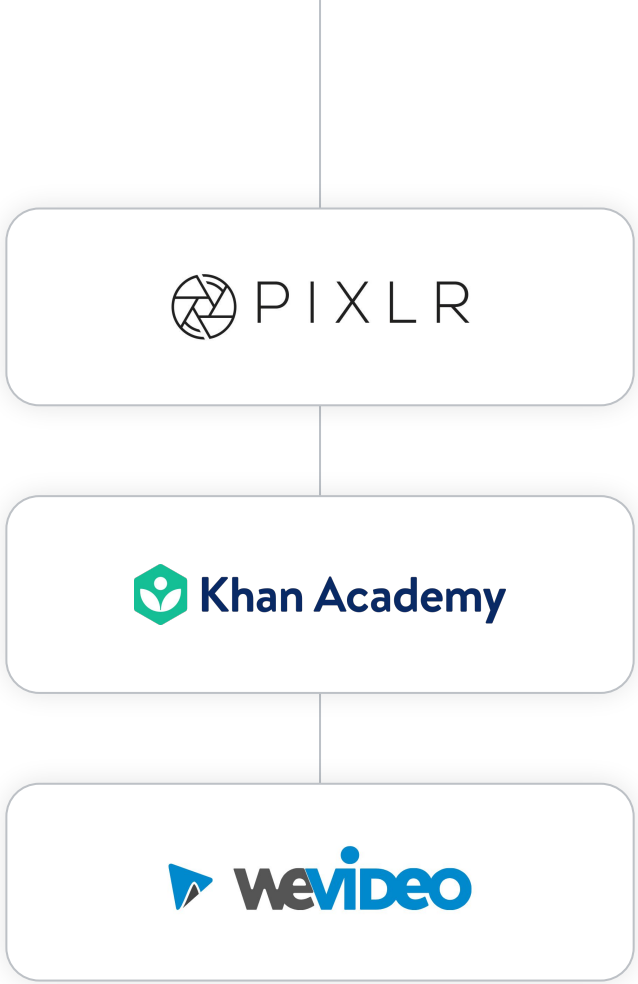
Google for Education

01 Apps and extensions
02 Group-based policies
03 Chrome Web Store
04 Accessibility settings
05 Browser management
06 Load on startup
07 Safe Search and YouTube Restricted Mode
08 Idle settings
09 URL blocking
10 Printing
11 Download location
12 Managed bookmarks
13 Disable hardware
14 Custom wallpaper

User settings

Apps and extensions

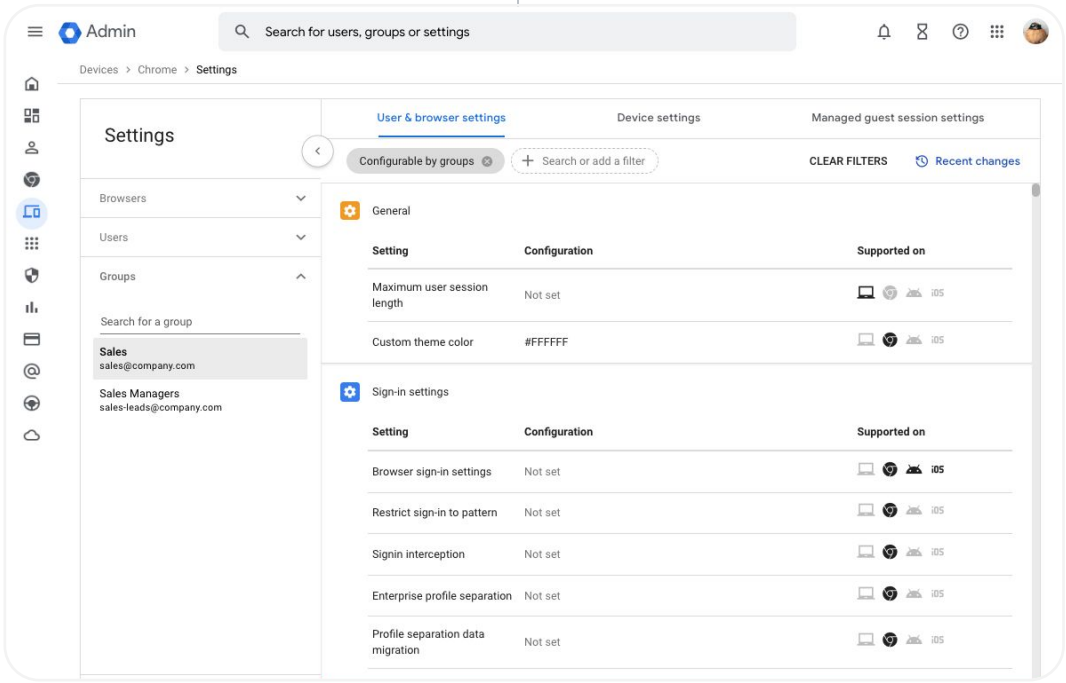
Give students the apps and extensions they need the most. Apps and extensions can also be pinned to the Chrome launcher.



User settings

Group-based policies

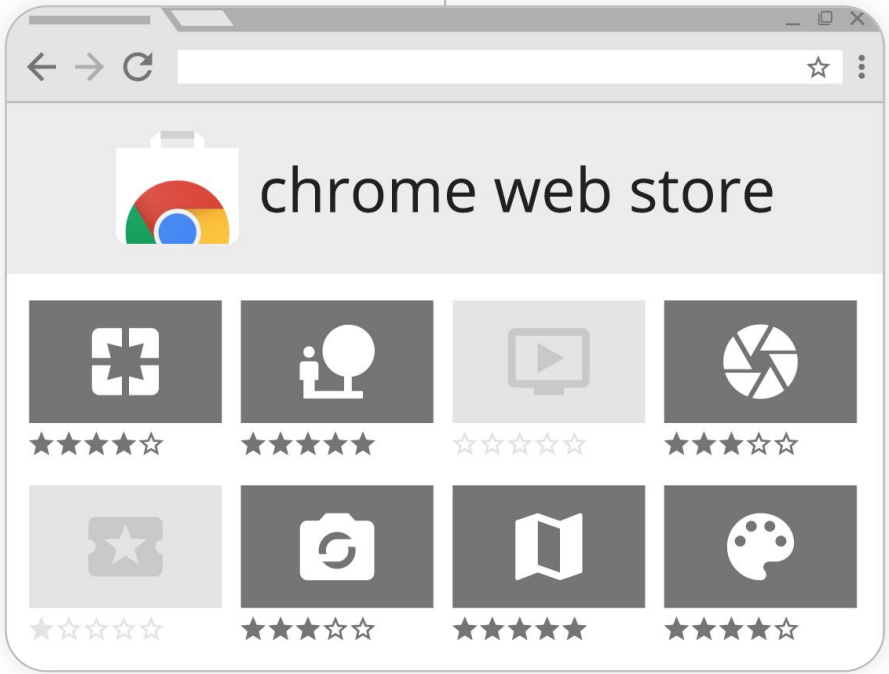
Group-based policy management makes it easier to configure apps and extension permissions in Google Admin console. Install an app for a specific group of users by adding them to a Google Group.



User settings

Customize the Chrome Web Store

Create an instance of the Chrome Web Store specific to your school's domain. Allow or block the entire store or just specific extensions and apps to keep your devices secure.



User settings

Accessibility settings

Encourage an inclusive classroom environment, where students can do their best work with support for their individual learning styles and needs. Once settings are customized on a Chromebook, they're applied every time a student logs in on any device, saving time and keeping students focused on learning.

Accessibility is built into all Chromebooks

Visual aids with high-contrast mode, custom colors, and more

Mono audio for users who have limited hearing in one ear

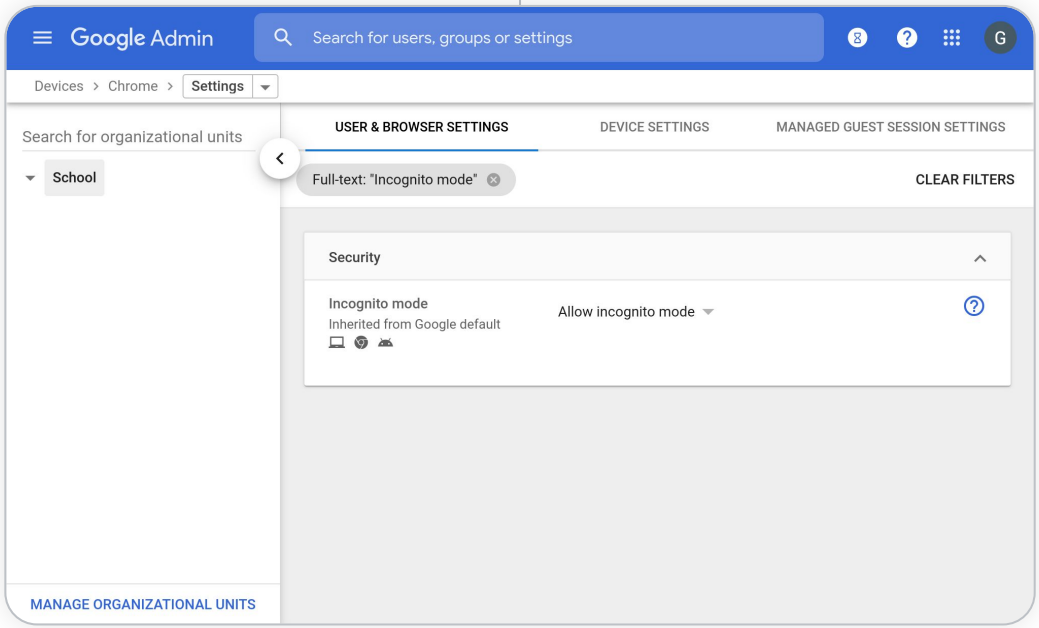
Spoken feedback with Select-to-Speak or ChromeVox to have chosen content or navigation spoken aloud

Voice-first interface with over 100 Acapela voices to read aloud in 30+ languages

User settings

Incognito mode and browsing history

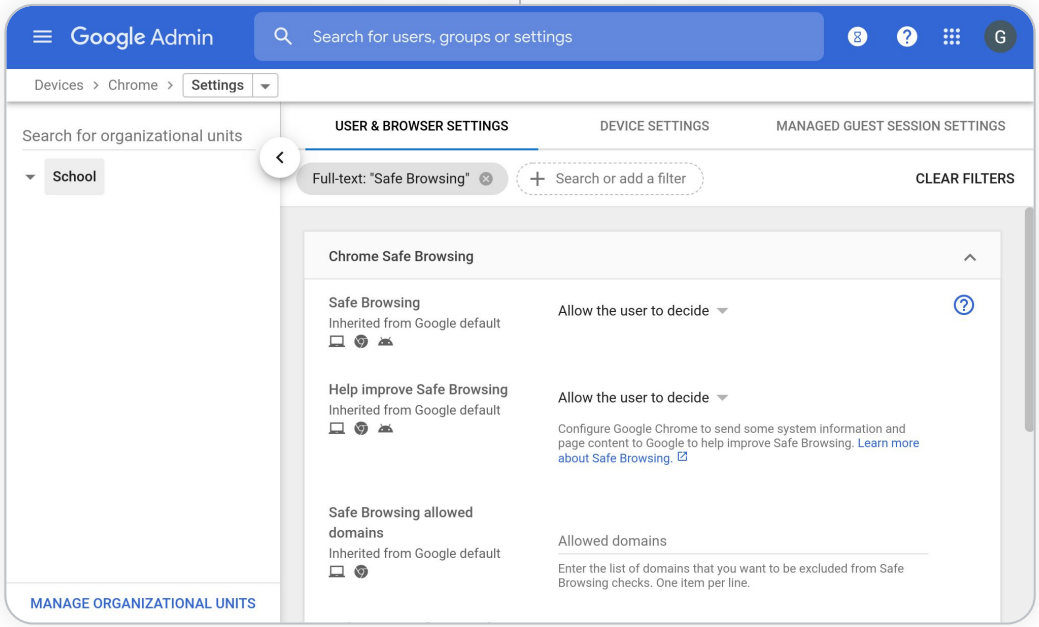
Admins can select to “Disallow incognito mode” to prevent users from opening new incognito windows. Browsing history can be toggled on or off so teachers can view what sites students have visited.



User settings

Safe Browsing

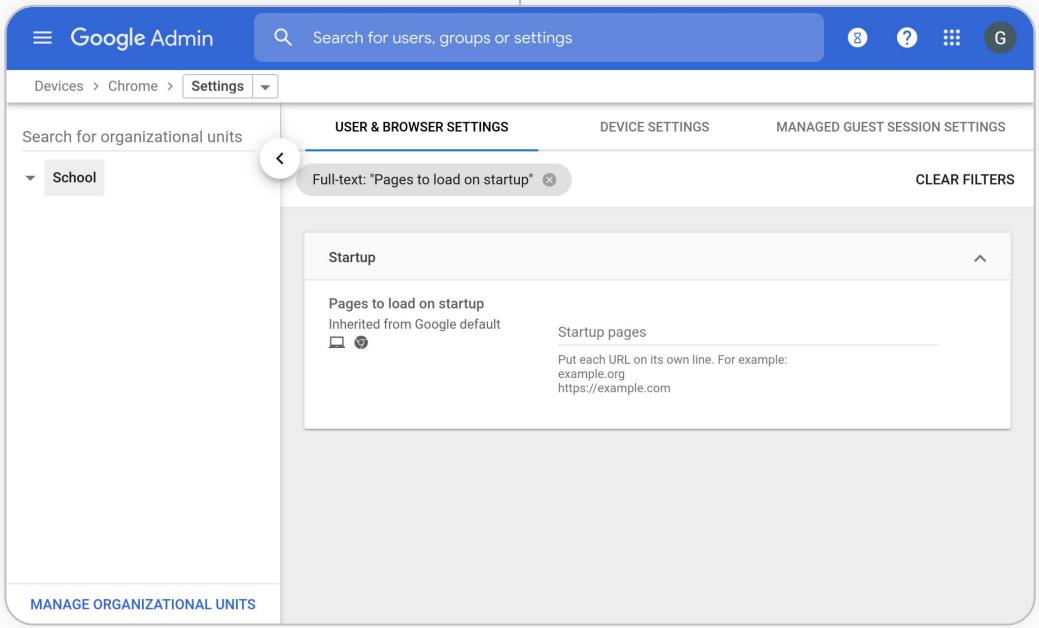
Safe Browsing in Chrome helps protect users from websites that may contain malware or phishing content. The default setting allows users to decide whether to use Safe Browsing or not.



User settings

Homepage and pages to load on startup

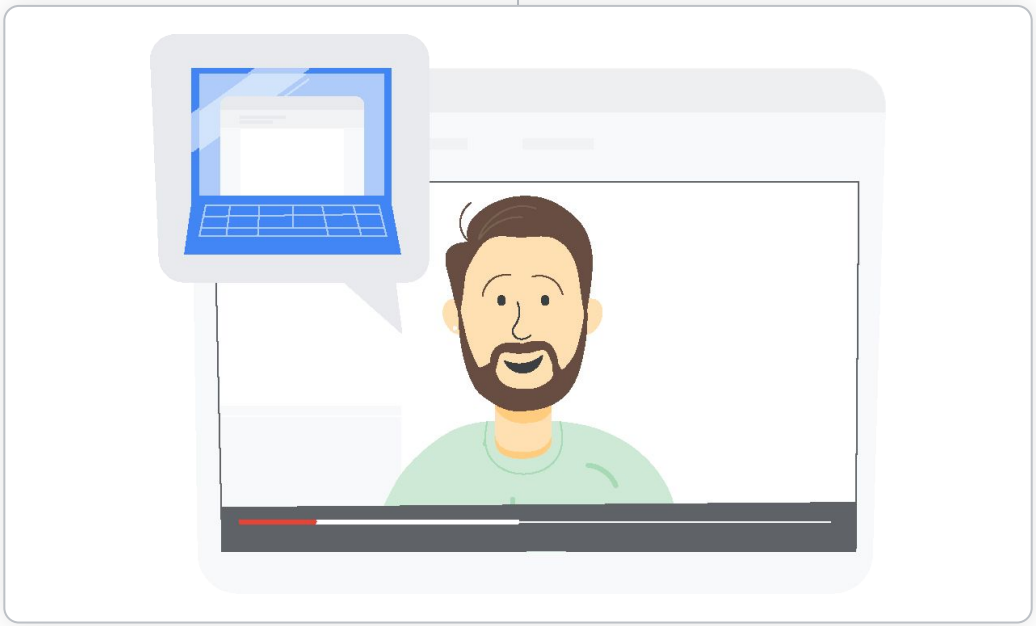
Allow users to configure their new homepage in their Chrome menu. If you don’t want to allow the user to change the homepage, you can specify that the homepage is always the new tab page or the Homepage URL.



User settings

Safe Search and YouTube Restricted Mode

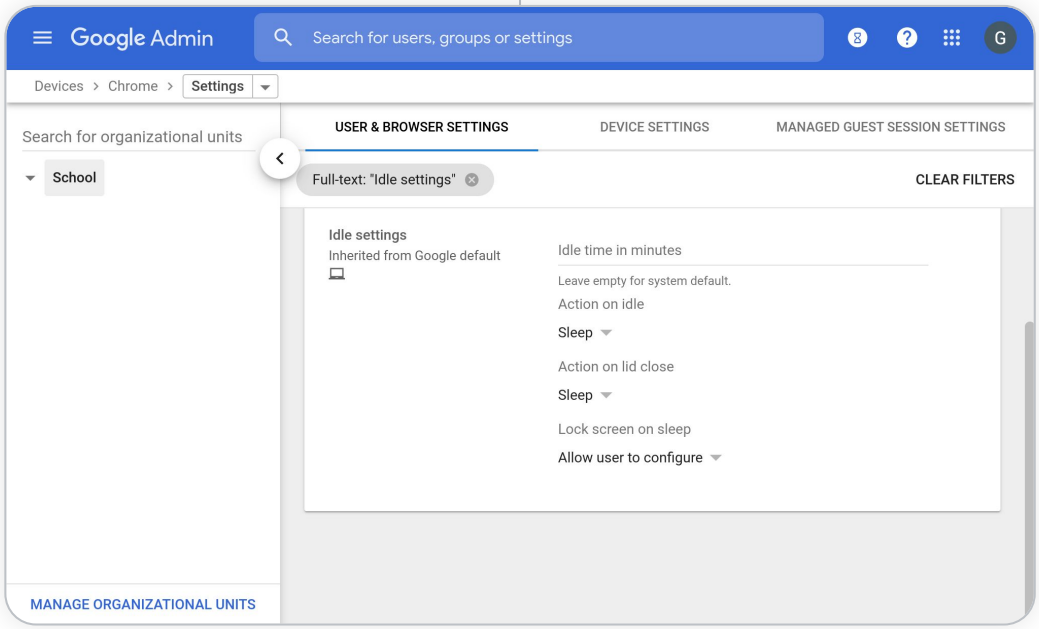
Activate Google Safe Search for web search queries and Restricted Mode for YouTube to make sure the content students are exposed to is appropriate and safe.



User settings

Idle settings

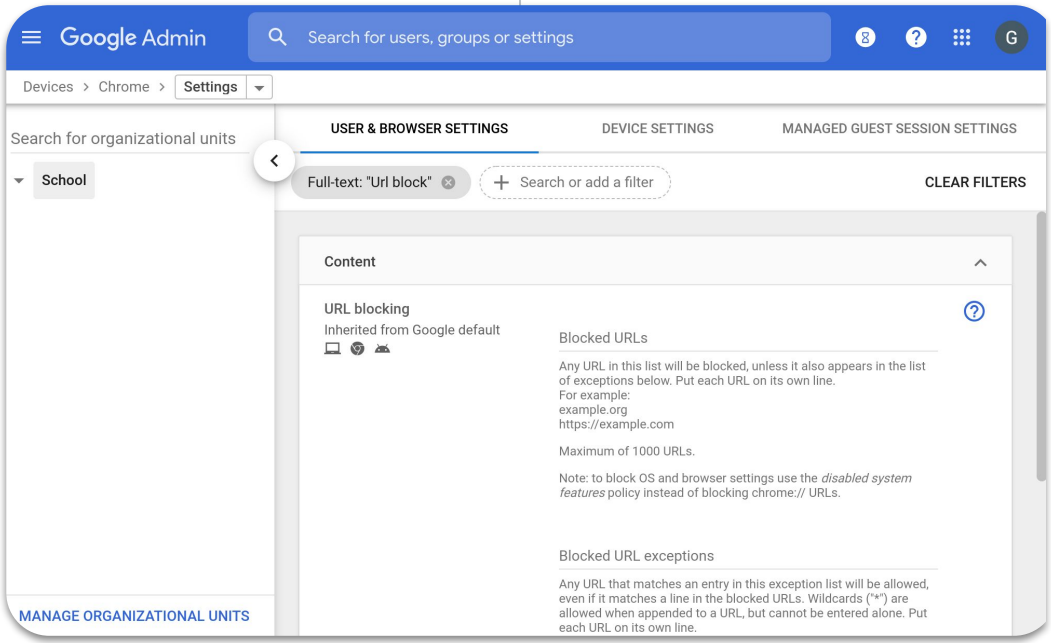
Specify the amount of idle time before a user's device goes to sleep or signs them out.



User settings

URL blocking

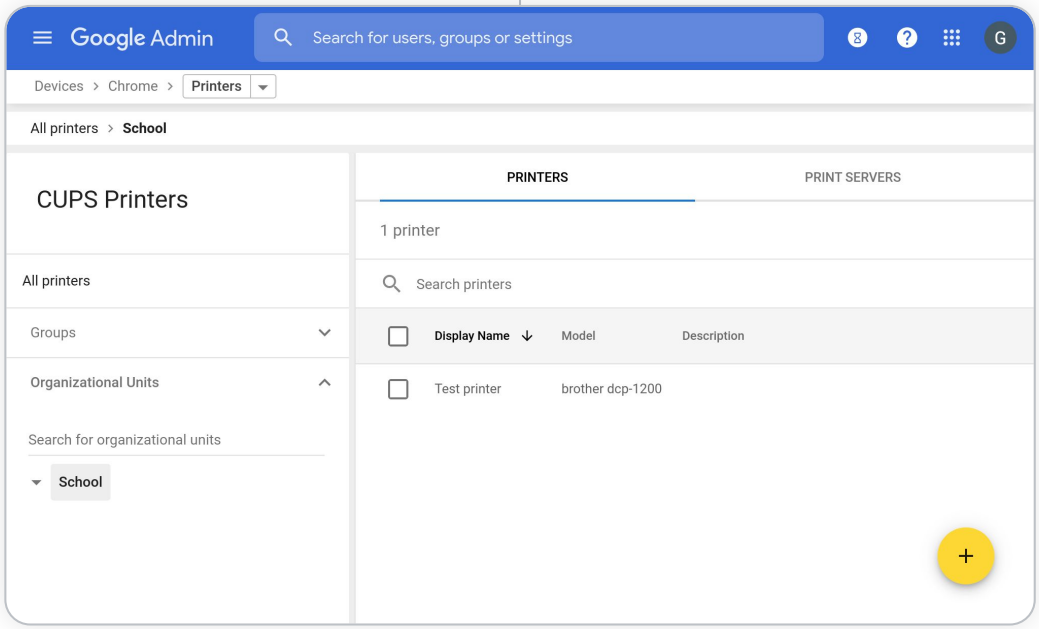
Create a block list that prevents Chrome users from accessing specific URLs.



User settings

Printing

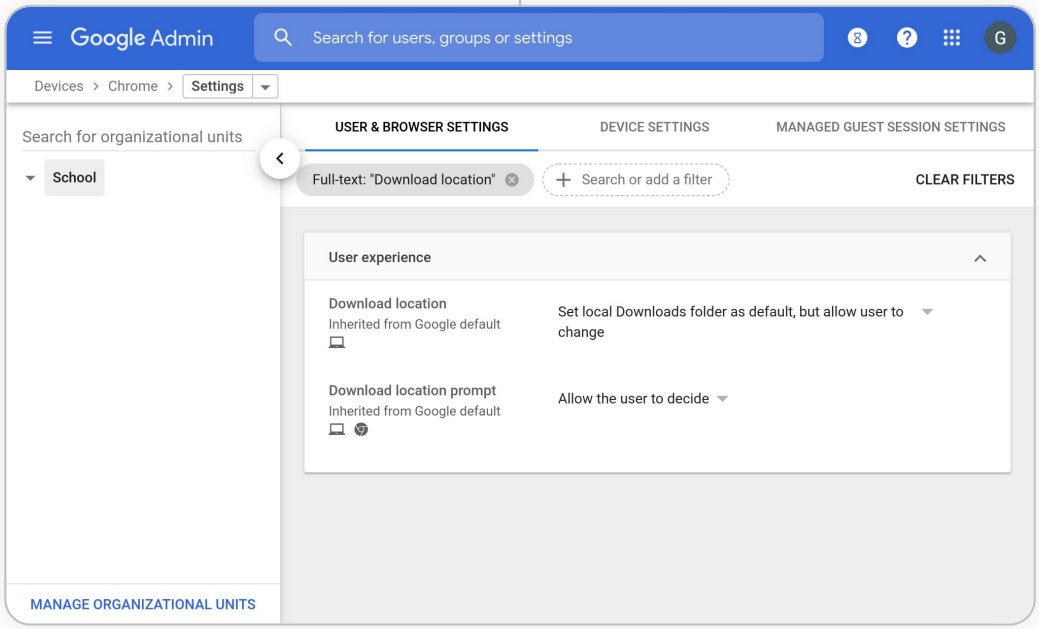
Enable or disable printing. When printing is disabled, a user won't be able to print from the Chrome menu, extensions, JavaScript applications, and more.



User settings

Download location

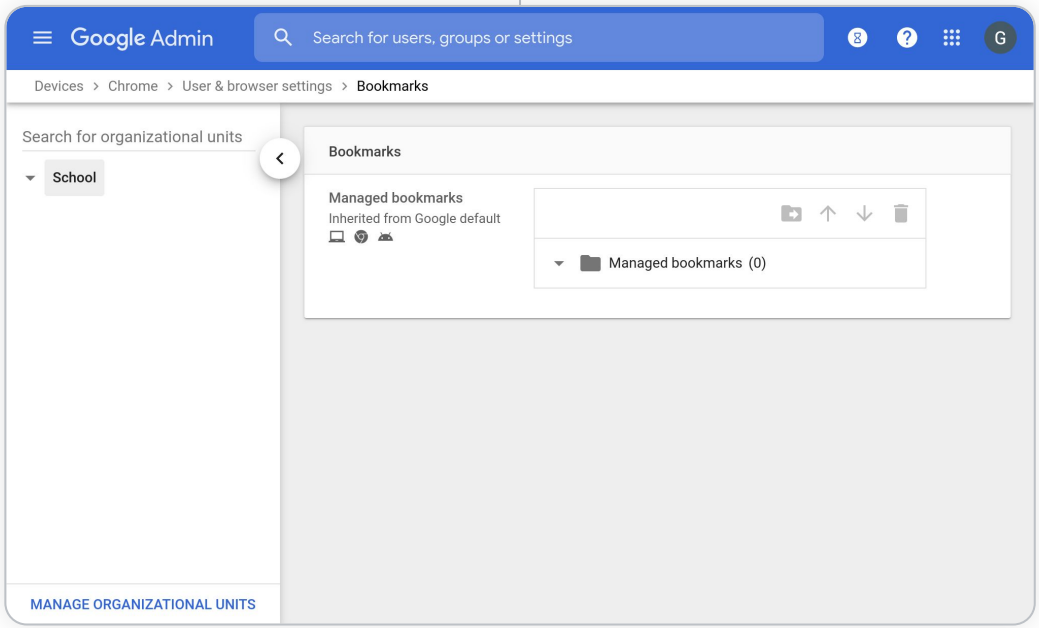
Set the default Download location on Chrome devices and specify whether a user is allowed to modify that location.



User settings

Managed bookmarks

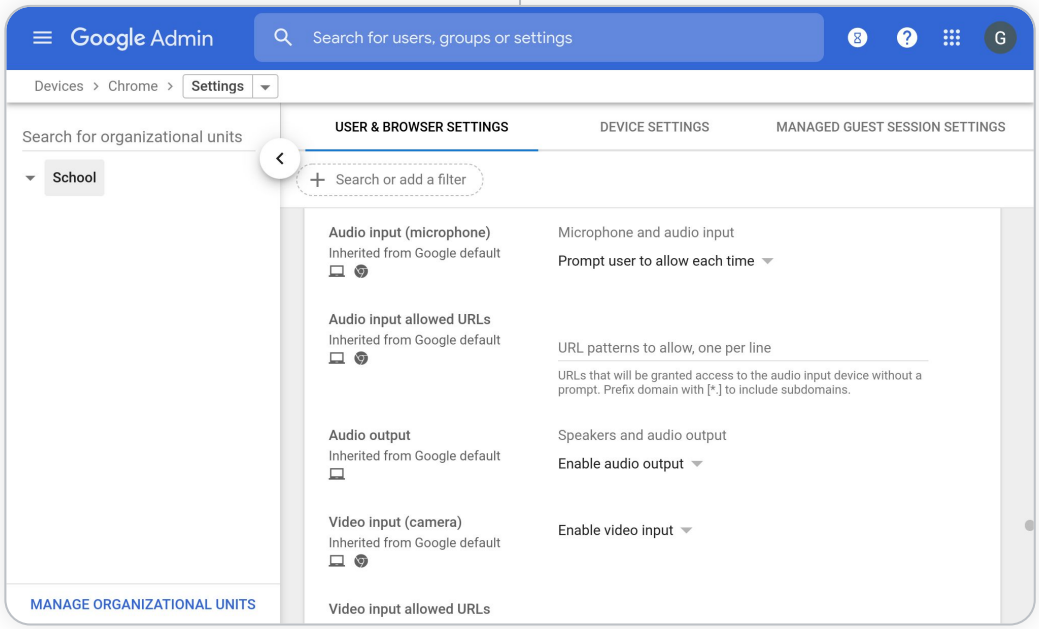
Push a list of bookmarks on all platforms including mobile devices for the convenience of your users.



User settings

Disable hardware

Adjust the features of each device to fit the setting. Control whether users can access webcams, speakers, external hard drives, or printers—local or cloud-based.

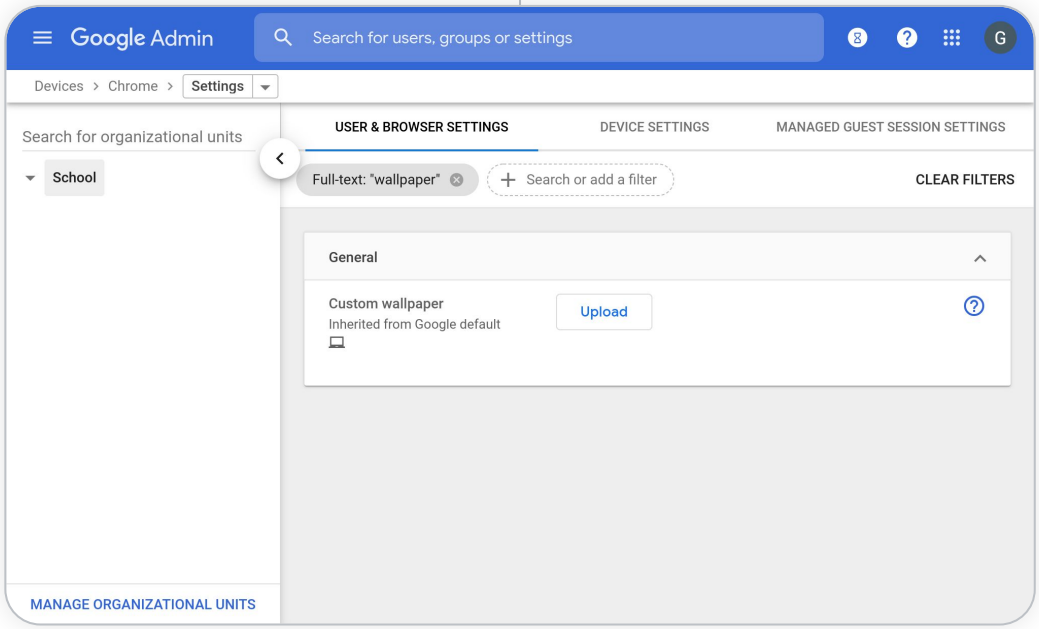


User settings

Custom wallpaper

Replace the default background image with your own custom wallpaper, like your school logo, or a photo of your school building.

You can upload images in JPG format (.jpg or .jpeg files) up to a size of 16 megabytes.



Device settings

Create a custom, school-wide experience on every device, no matter who signs in.

Device settings help maintain control over who can sign in on your Chromebooks. For example, you can create a policy that only allows users within your domain to sign in.

01 Manage proactively with the Device Hub

02 Specify who can sign in

03 Autocomplete domain

04 Off hours sign-in settings

05 Disabled device return instructions

06 Sign-in keyboard

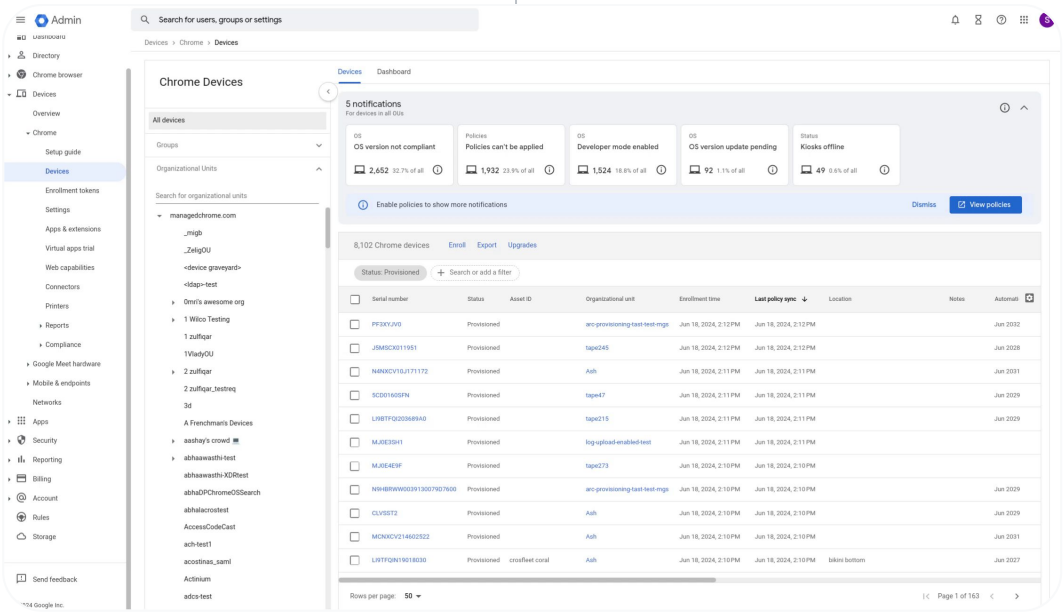
07 Modes for assessment

08 Managed guest sessions

Device settings

Manage tech proactively with the Device Hub

Provide your IT admins with all the info they need for seamless fleet management in the central Device Hub. Get management tips, identify potential risks, and receive resources to learn how to remediate issues.

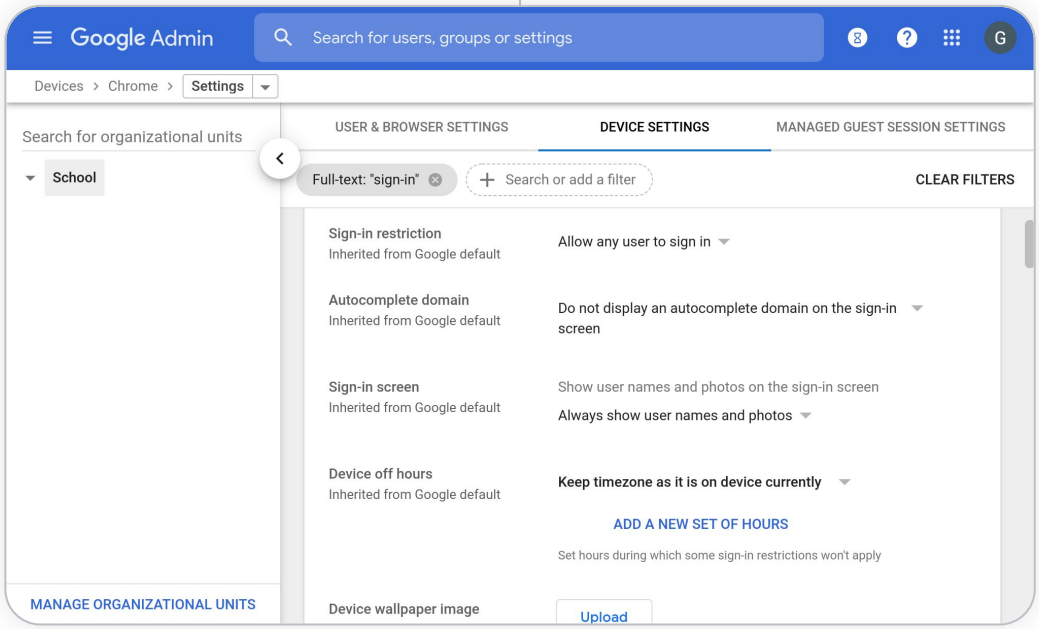


Google for Education

Device settings

Specify who can sign in

Ensure school-owned Chromebooks are only used for educational purposes by disabling guest mode and restricting sign-in to your domain.

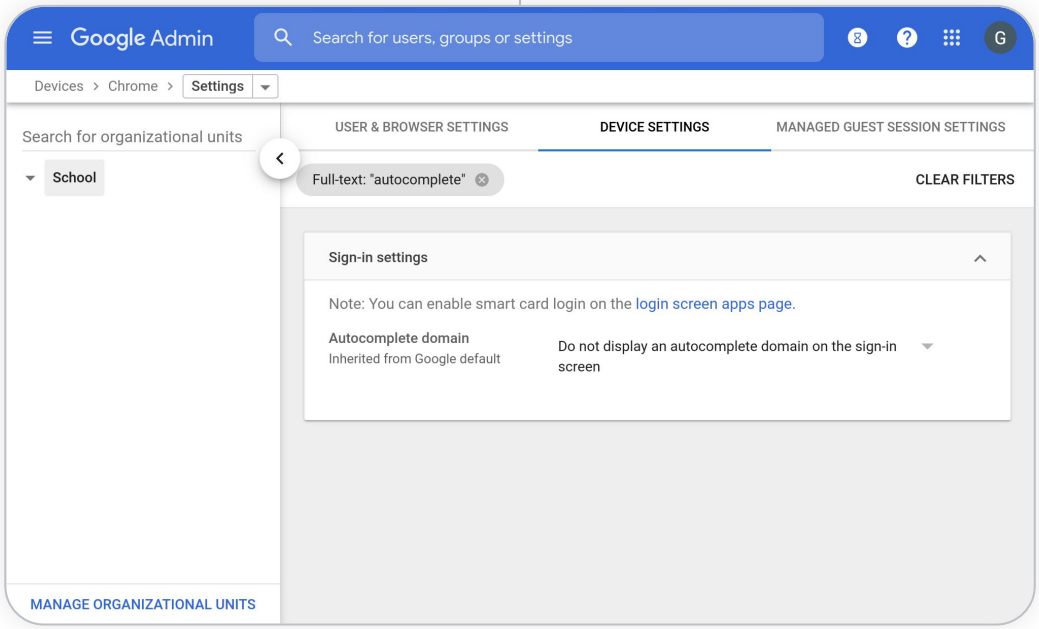


Device settings

Autocomplete domain

Make it easier for your students to log in with the domain name autocomplete at sign-in setting. This enables you to choose a domain name to present to users on their sign-in page, and users don't need to type the @domain.com part of their username during sign-in.

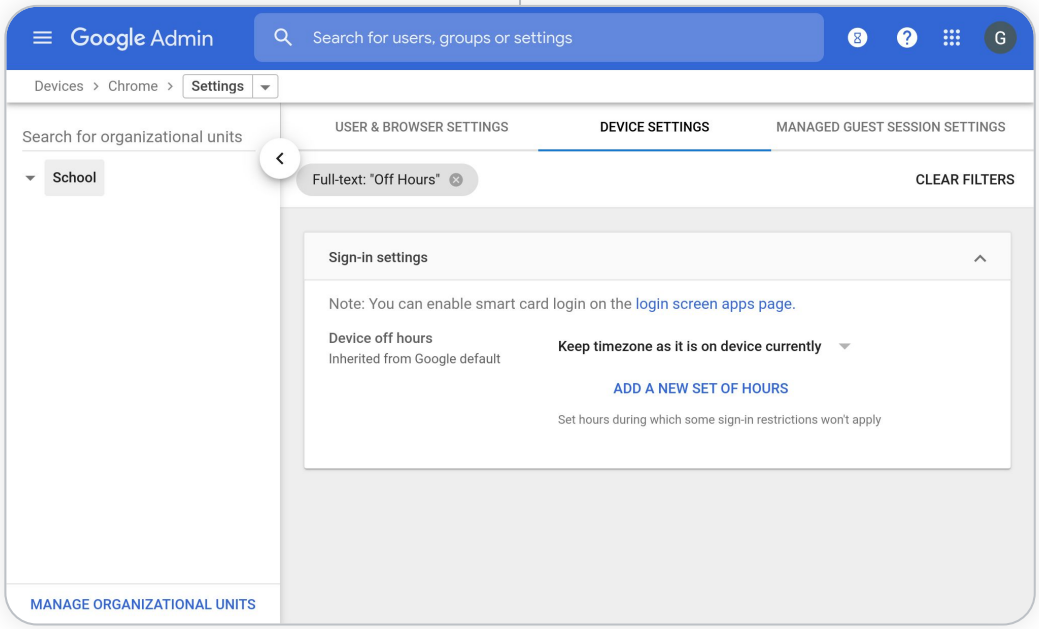
You can override this setting by typing your full username when you sign in.



Device settings

Off hours sign-in settings

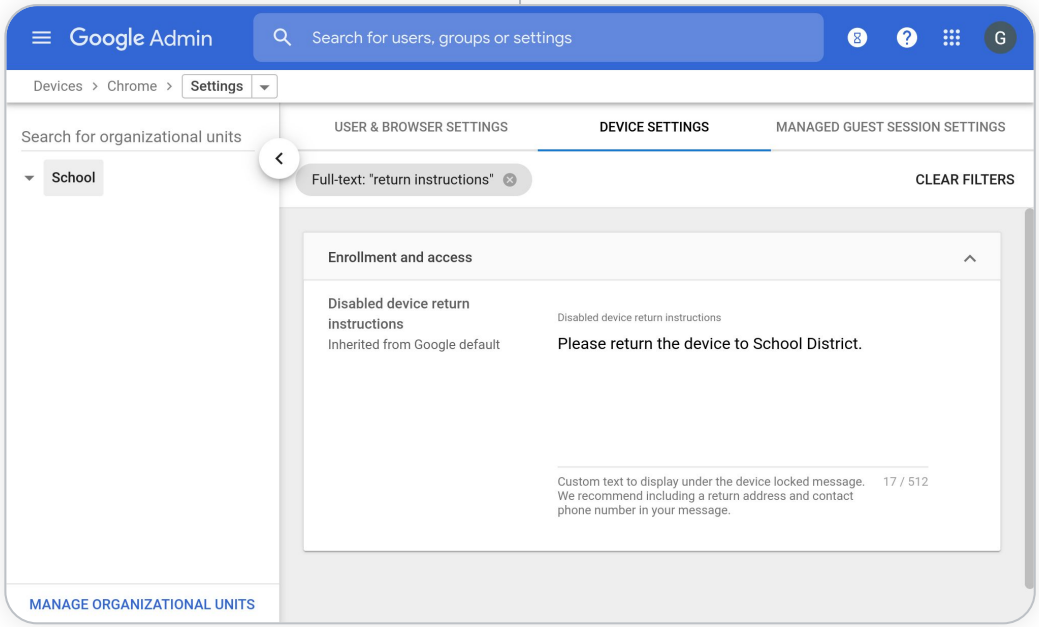
Perfect for schools with bring-your-own-device programs, Off Hours sign-in settings let schools block guest browsing or only allow users with a username ending in @schooldomain.edu to sign in during school hours. Outside of school hours, users can browse in guest mode or sign in to their device using an account other than their @schooldomain.edu account.



Device settings

Disabled device return instructions

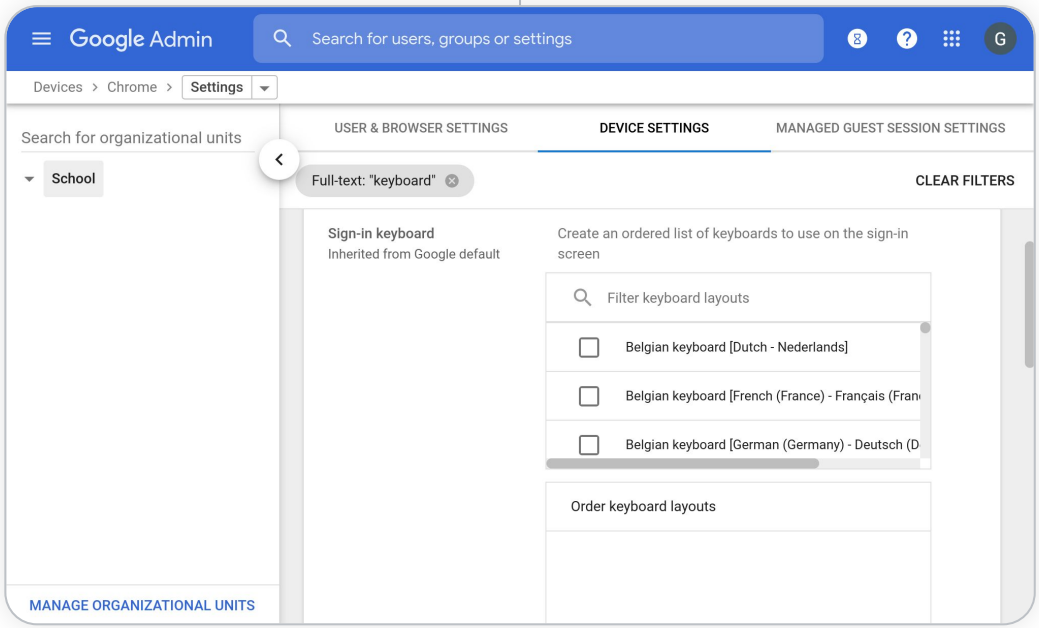
This setting controls the custom text on the disabled device screen. We recommend you include a return address and contact phone number in your message so that users who see this screen are able to return the device to your organization.



Device settings

Sign-in keyboard

This setting specifies which keyboard layouts are allowed on the Chrome devices sign-in screen.



Device settings

Modes for assessments

Chromebooks are a secure platform for student testing. During an exam, you can disable students' access to the web, external storage, screenshots, and the ability to print.

Scenario 1

Kiosk mode – Schools set up Chromebook to run as a single app Kiosk running the exam app.

Scenario 2

Locked mode – Teachers set up Google Forms Quiz using the locked mode feature.

Device settings

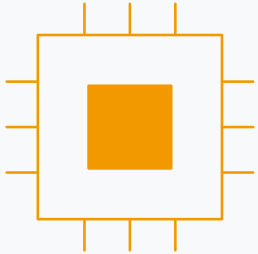
Managed guest sessions

With public sessions, multiple users can share the same Chrome device without the need to sign in.

For example, use public sessions to configure Chrome devices for use as kiosks, loaner devices, shared computers, assessments, libraries, kindergartens, or for any other school-related purpose for which users don't need to sign in.

> In a public session, the admin can have a lot of control by setting policies that don't require an individual to sign in. This might be useful for parent information nights or training with people from an outside district."

Cinnamon Johnsrud,
Instructional EdTech Coordinator



Additional resources

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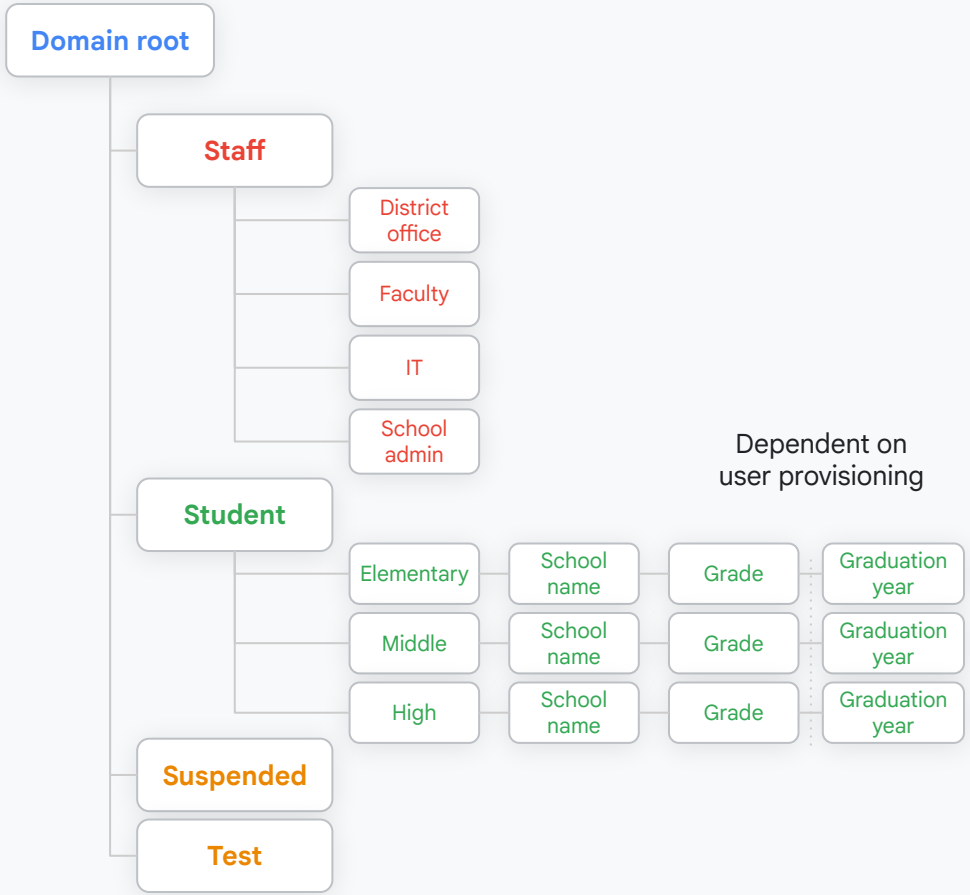
Recommended organizational unit structure

Plan your organizational structure to maximize IT efficiency and make the most of ChromeOS for teachers and students.



Want to learn more about Chromebooks?

Learn more

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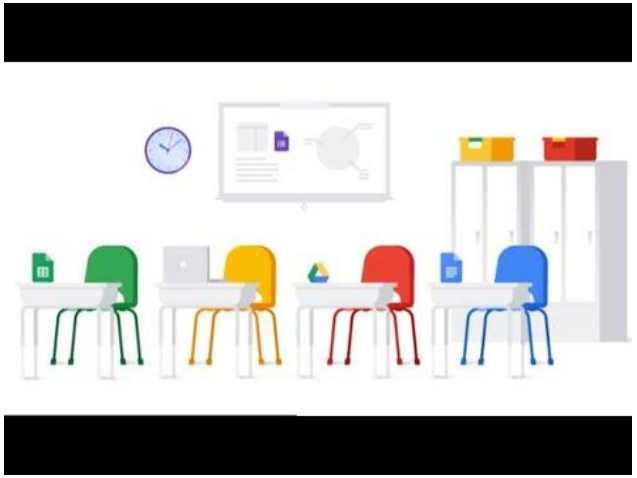
Additional resources

Click here



Click here

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Let’s get started

Learn more

Contact us

(Partner: enter ‘yourname@partnercompany.com’ above)

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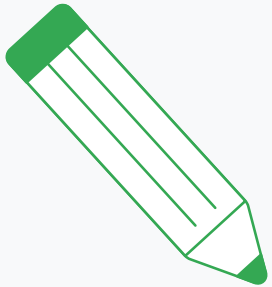

Appendix

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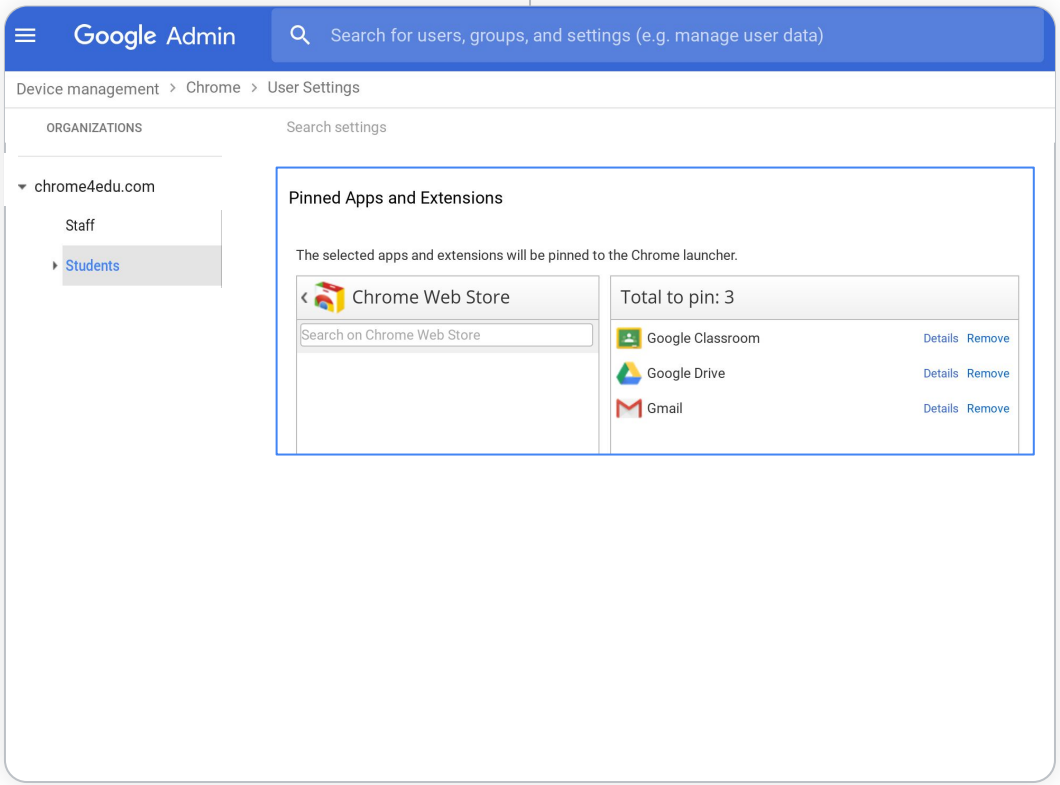
Pinned apps and extensions

This setting pins the apps and extensions to the app launcher that your users view when signed in to their Chrome device.

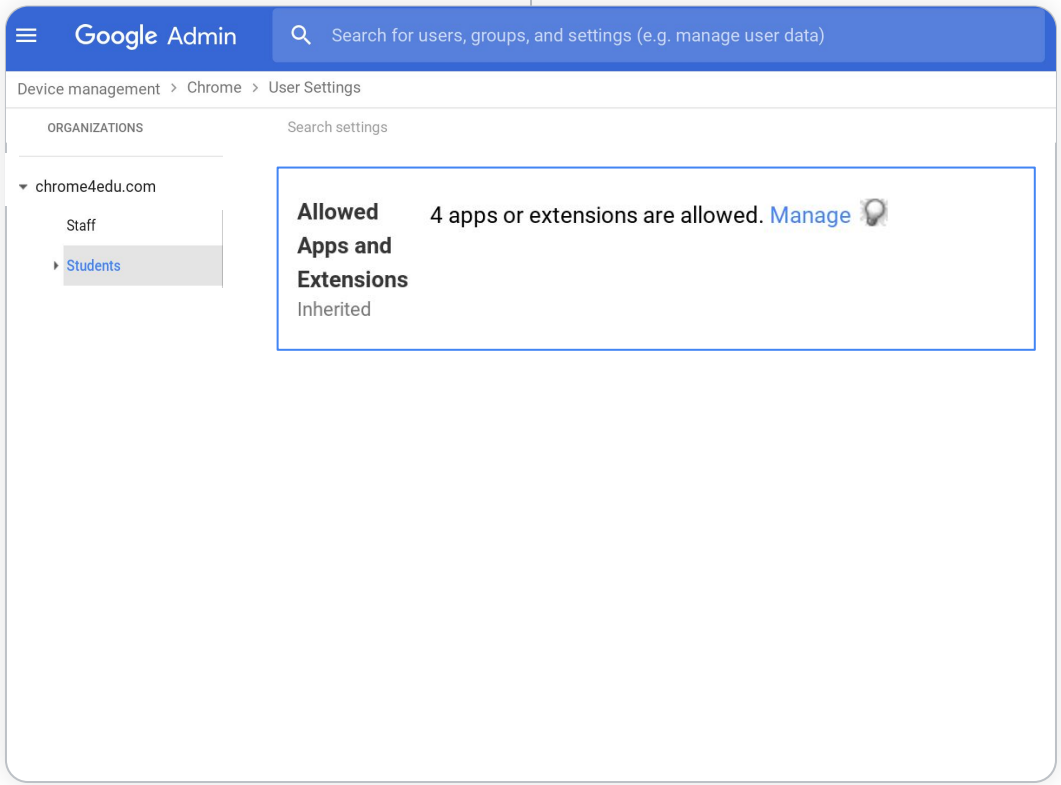
This policy has no effect on Android apps running on ChromeOS. For information on force installing Android apps on Chrome devices that support them, refer to Installing Android Apps.



Allow or block all apps and extensions

Select whether you want to allow or block users from installing all apps and extensions.

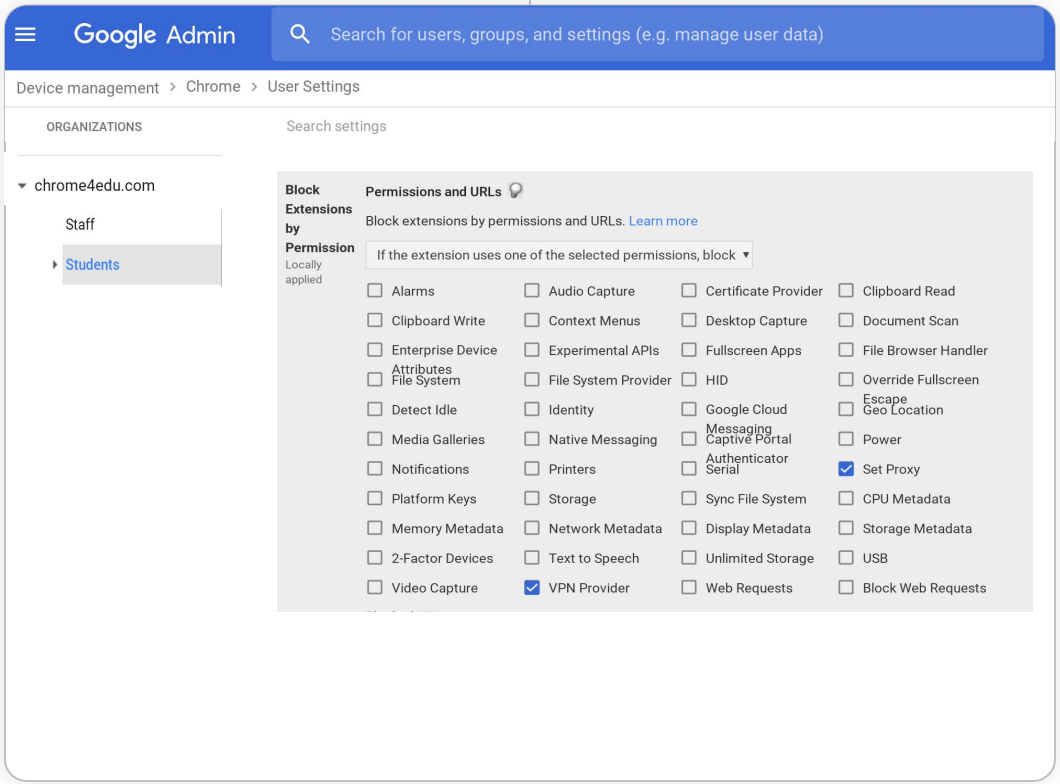
Based on the setting you choose, you can then make exceptions using the Allowed Apps and Extensions setting. If you choose "Block all apps and extensions except the ones you allow," the next block lets you choose which apps or extensions will be allowed for your users.



Block extensions by permission

Prevent users from running extensions that request certain permissions that your organization doesn't allow.

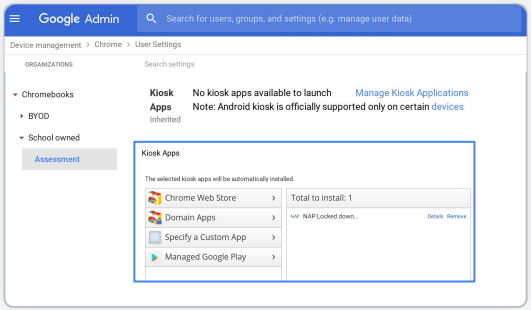
Select whether to allow or block apps that request specific permissions. Check the permissions to allow or block.



Assessments

Scenario 1:
Kiosk mode – school sets up Chromebook to run as a single-app kiosk running the exam app.

Note: You need to have the test available as a Chrome Kiosk app.



Manage Kiosk Apps

1. Go to Device management > Chrome management > Device settings > Kiosk Apps. Click on Manage Kiosk Applications.
2. In the dialog box that appears, select the exam kiosk app you want to use. You can search for it on the Chrome Web Store, or manually install it if you have the app ID and URL by selecting Specify a Custom App.
3. On the same Device settings page, under Kiosk Settings > Auto-Launch Kiosk App, select the app.
4. Make sure the devices you want to administer the test with are under the organizational unit you select for the kiosk app.

Auto-launch setting for a kiosk app

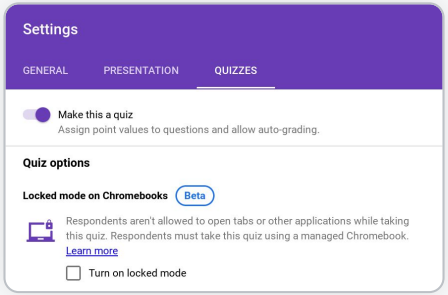
If Auto-Launch Kiosk App is not configured, then the student will see a menu of kiosk apps in the system tray on the login screen. The student needs to select the appropriate kiosk app to launch it in order to take the test. After the test is complete, the student can exit the kiosk app and log back into a user session.

If Auto-Launch Kiosk App is configured, when the device next boots, it will immediately load the kiosk app.

Assessments

Scenario 2:
Locked mode – school sets up Google Forms quiz using locked mode feature.

Note: Available only on managed Chromebooks, locked mode prevents students from navigating away from the quiz in their Chrome browser until they submit their answers.



Google for Education

A new way to ensure students are distraction-free when taking quizzes in Google Forms

For a lot of teachers, a day in the life might look like this: teach innovatively and creatively, quiz without distractions, grade efficiently, give thoughtful and constructive feedback, repeat.

Teachers assess knowledge and check for understanding every single day, and many use Quizzes in Google Forms to do just that.

But we've heard feedback from teachers that they want to ensure their students aren't navigating to other browser tabs while taking quizzes.

Now, teachers can enable locked mode with a simple checkbox in Google Forms, giving them full control over assessments.

To streamline the assignment process, we've also added the ability for all Classroom users to create a quiz directly from Classroom. Instead of creating quizzes in a separate browser, you can create a quiz and assign it directly to your class, or multiple classes.