Instructions
Photo by Jeswin Thomas on UnSplash

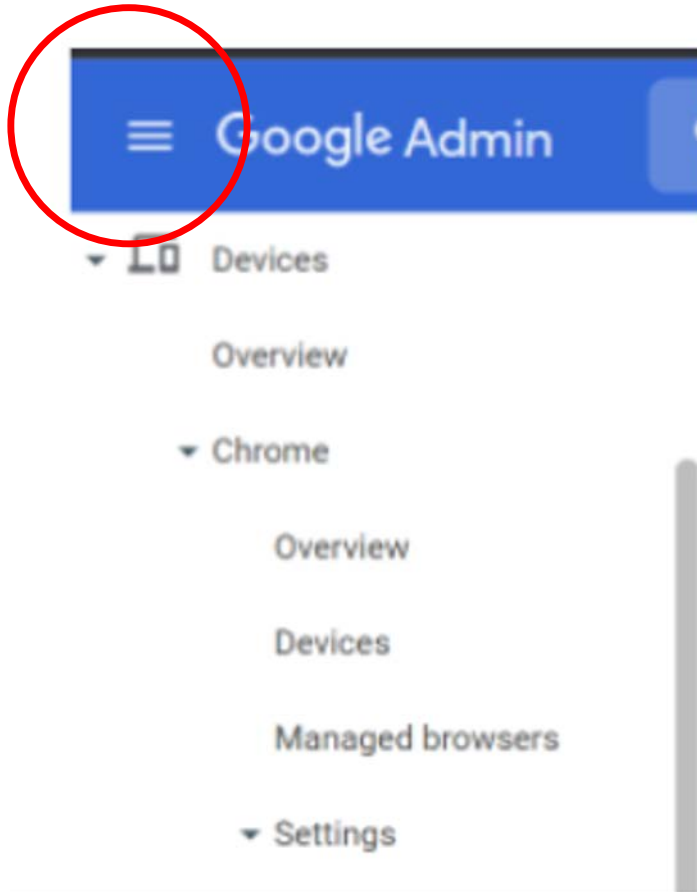safekids

Installing the Software

Step by step Instructions

Installation Instructions – Selecting your District School
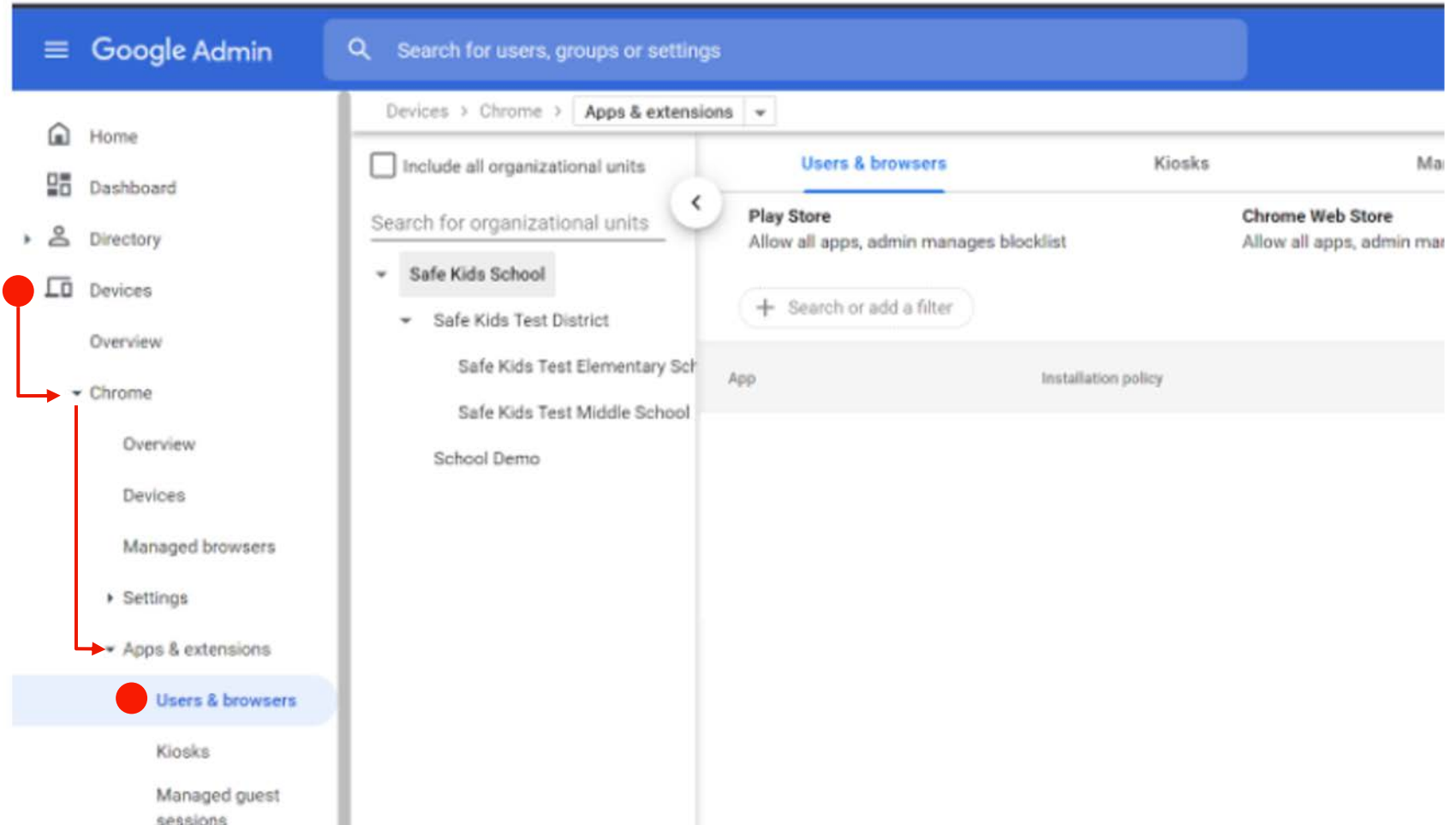
● **Step 1:**
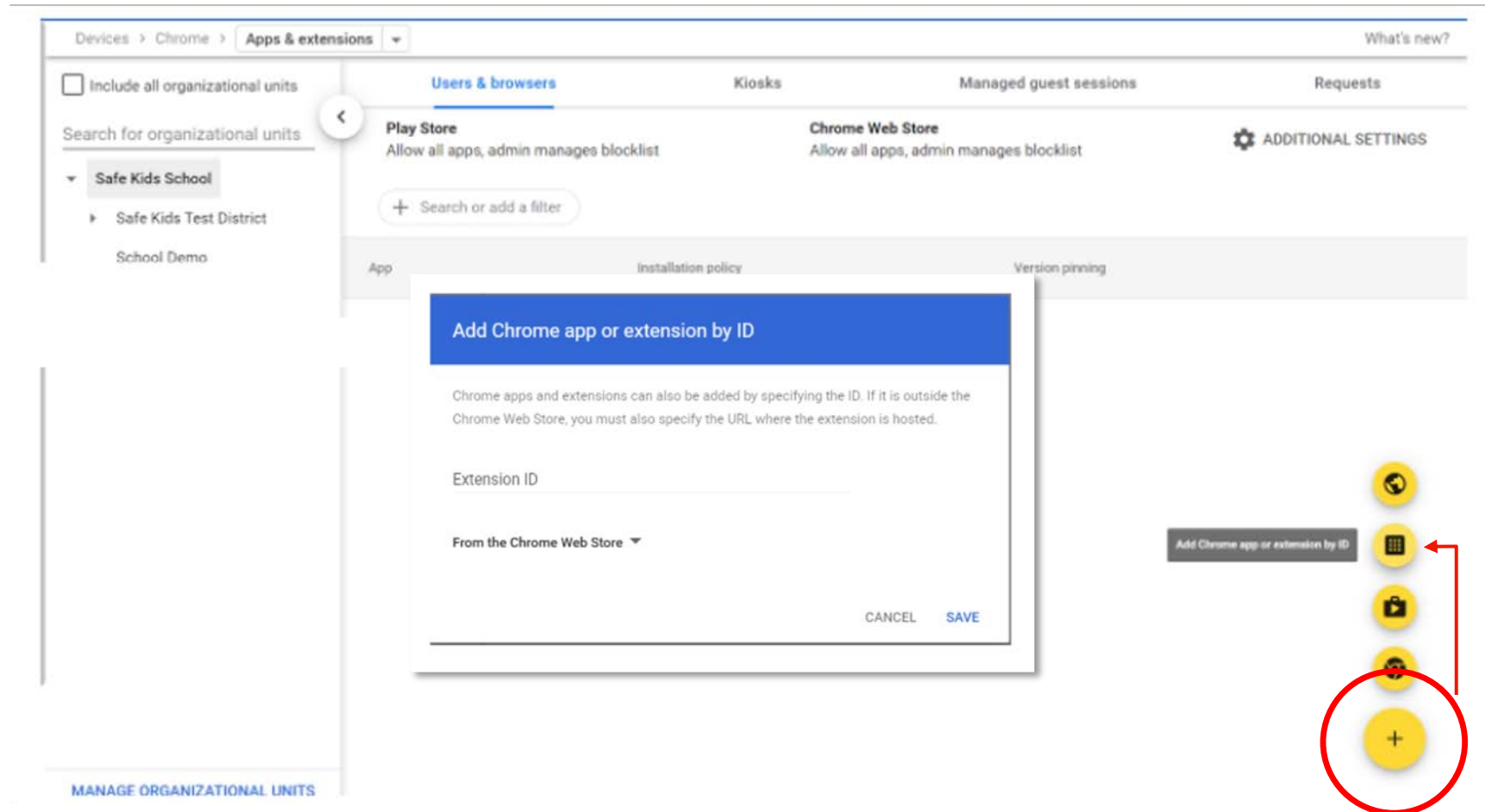Click on the Google Admin Login bar to open the left tab

● **Step 2:**
Click on Devices / Chrome / Apps & extensions / Users and browsers / '*Select your District School*'

Installation Instructions – Adding Chrome App...

● **Step 3:**
Choose the large plus icon in the lower right of your screen and then select
'*Add Chrome App or extension by ID*'

Installation Instructions – Adding Chrome App…

● **Step 4:**
In the dialog that appears select the dropdown '*From the Chrome Web Store*' and
'*From a custom URL*'

Installation Instructions – entering information

● **Step 5:**
Enter the following for **Extension ID** and **custom URL**:

Add Chrome app or extension by ID

Chrome apps and extensions can also be added by specifying the ID. If it is outside the Chrome Web Store, you must also specify the URL where the extension is hosted.

Extension ID

⟵ **Extension ID**:
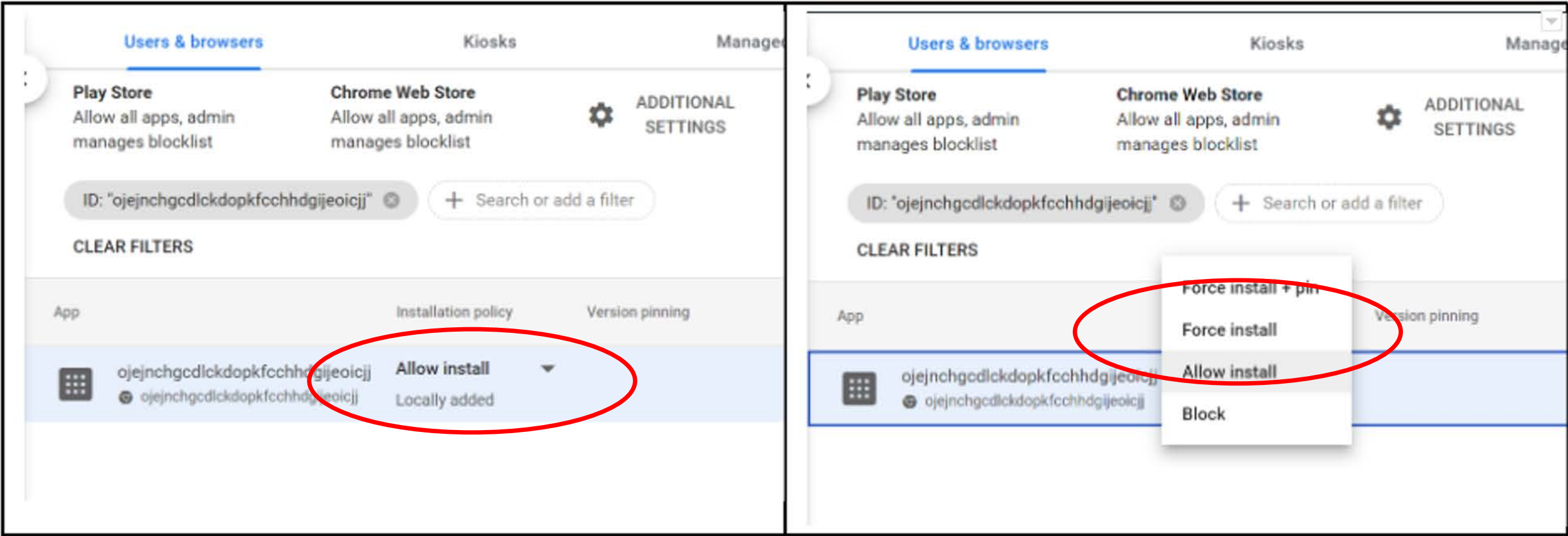ojejnchgcdlckdopkfcchhdgijeoicjj

From a custom URL ▼

URL

⟵ **URL**:
https://safekids-chrome-extension.s3.ap-south-1.amazonaws.com/demo/SafeKidsForSchools.xml

Installation Instructions – force install

- **Step 6**: Ensure the extension is pushed to every student. Click 'Allow install' and in the menu, select '*Force Install*'
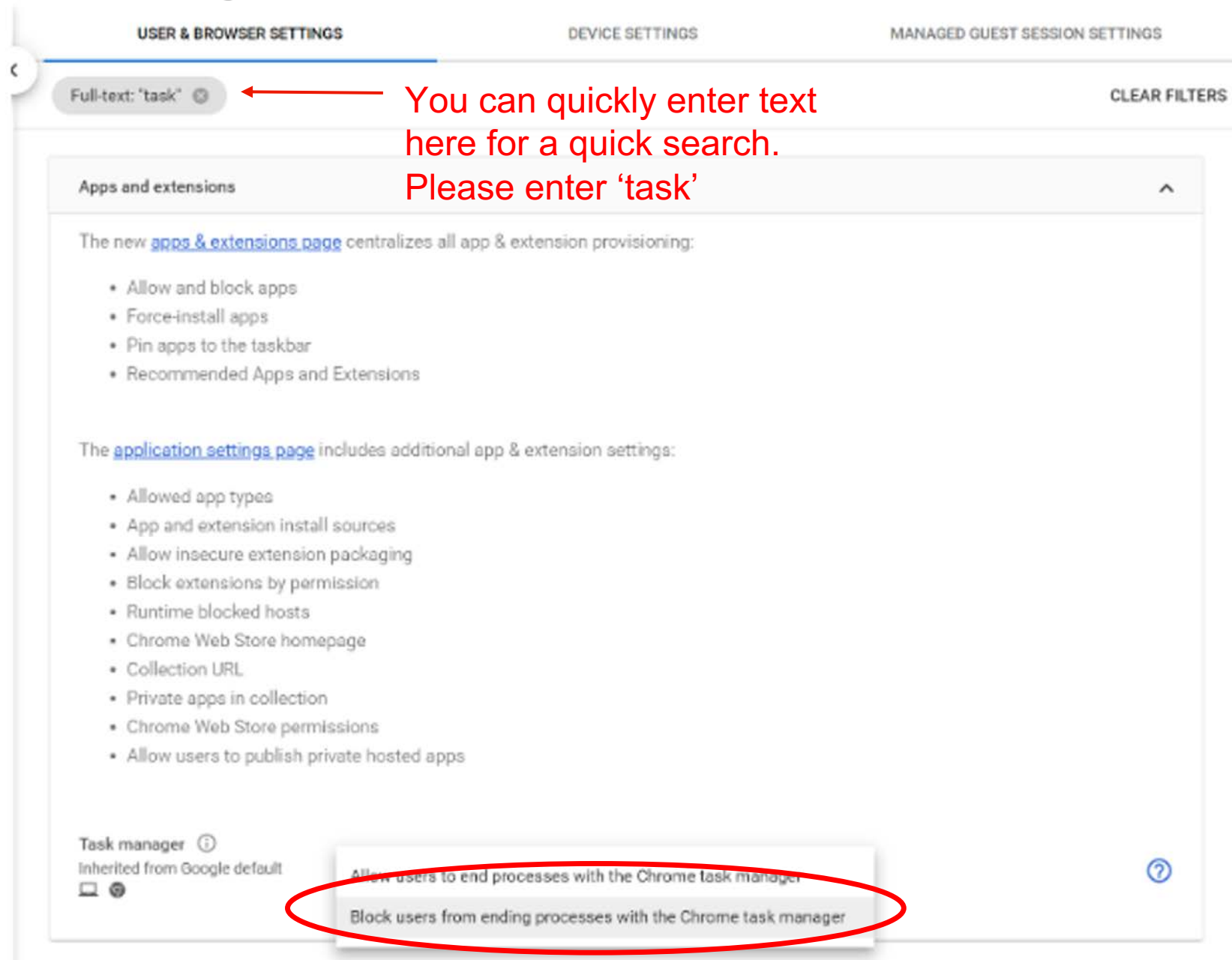
Installation Instructions – Settings

● **Step 7**: These settings are **HIGHLY** recommended to make sure the ChromeBooks are restricted properly.

Click on Devices / Chrome / Settings / Users and browsers / Select your District School / Click on User & Browser Settings.

Select '*Block users from ending processes with the Chrome task manager*.' This setting prevents students from closing any extension on a Chromebook. Please follow a similar process to apply other settings.

USER & BROWSER SETTINGS   DEVICE SETTINGS   MANAGED GUEST SESSION SETTINGS

Full-text: 'task' ⊗   ← You can quickly enter text here for a quick search. Please enter 'task'   CLEAR FILTERS

Apps and extensions

The new apps & extensions page centralizes all app & extension provisioning:

- Allow and block apps
- Force-install apps
- Pin apps to the taskbar
- Recommended Apps and Extensions

The application settings page includes additional app & extension settings:

- Allowed app types
- App and extension install sources
- Allow insecure extension packaging
- Block extensions by permission
- Runtime blocked hosts
- Chrome Web Store homepage
- Collection URL
- Private apps in collection
- Chrome Web Store permissions
- Allow users to publish private hosted apps

Task manager ⓘ
Inherited from Google default

Allow users to end processes with the Chrome task manager

Block users from ending processes with the Chrome task manager

Installation Instructions – Setting

● **Step 8**: '*Disallow incognito mode*' prevents students from using the privacy settings.

'*Always use SafeSearch for Google Search queries*' – forces the Google search engine to only do safe searches
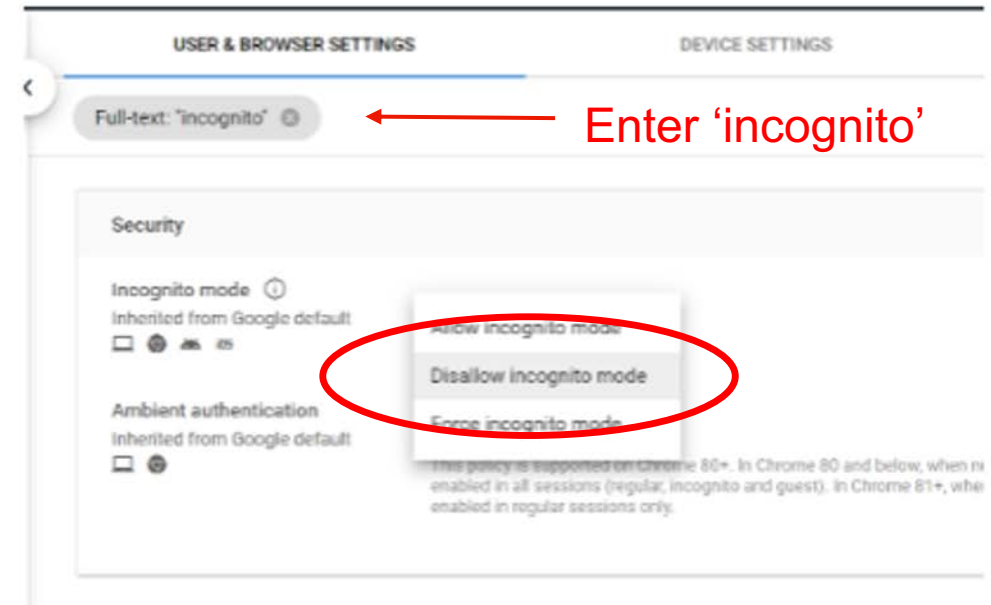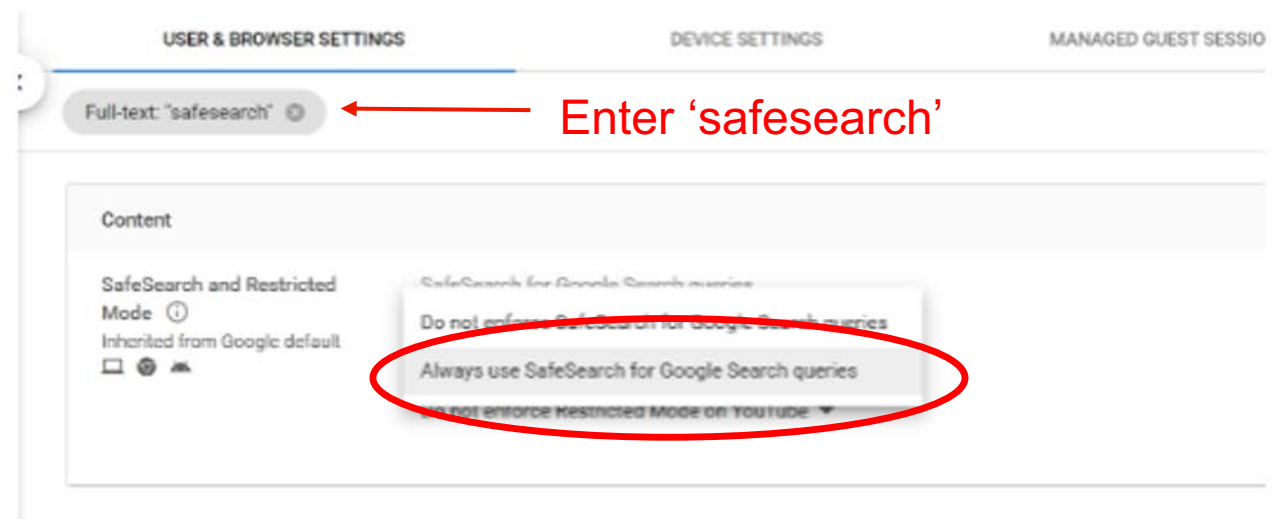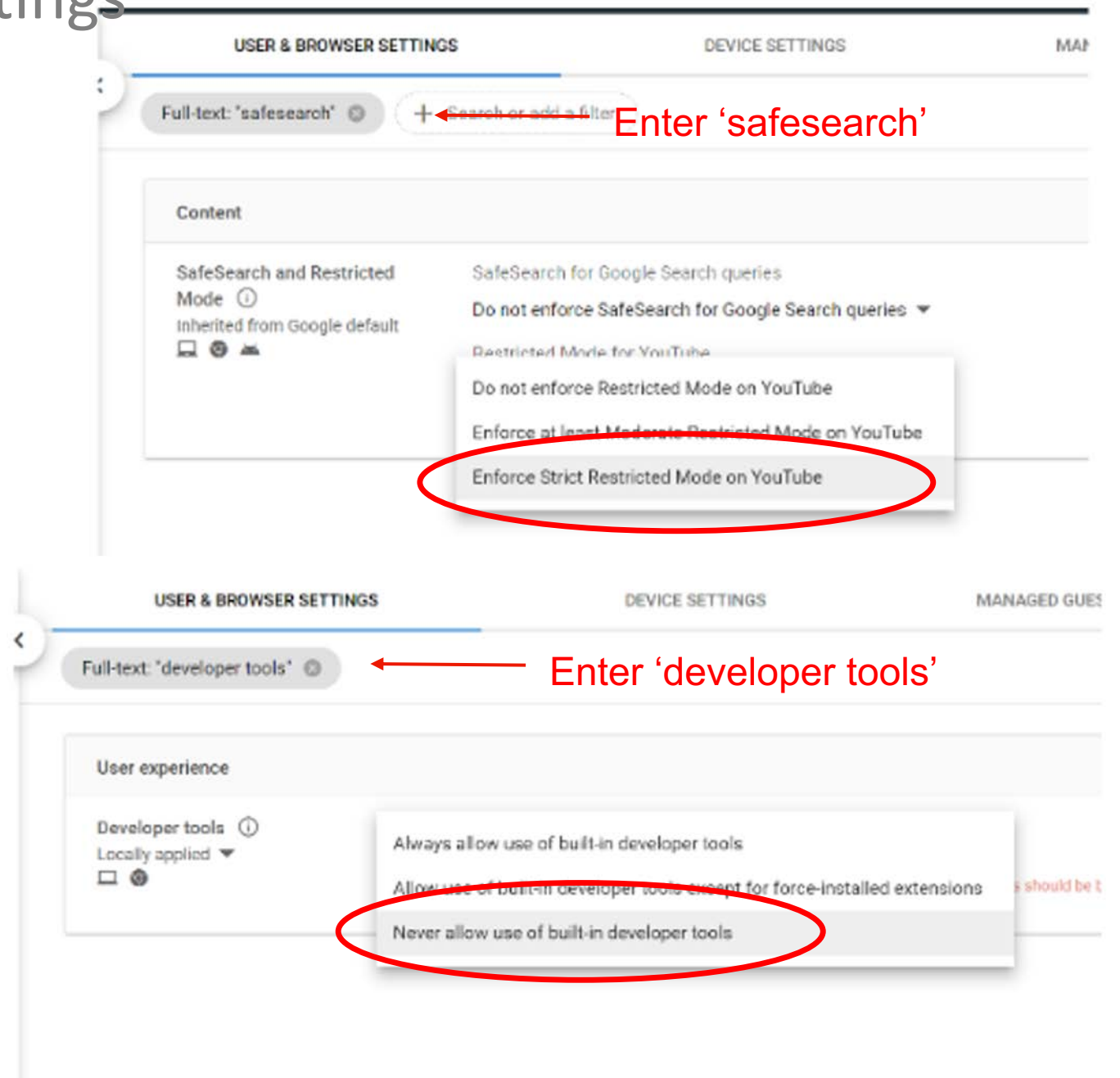

Enter 'incognito'

Figure 2. Prevents students from going on activity that cannot be tracked and filtered

Enter 'safesearch'

Installation Instructions – Settings

● **Step 9**: '*Enforce Strict Restricted Mode on YouTube*' Ensure YouTube has a restricted model turned on to prevent unsafe content.

'*Never allow use of built-in developer tools*' prevents students from accessing developer tools to potentially bypass filters.

USER & BROWSER SETTINGS   DEVICE SETTINGS   MAN

Full-text: 'safesearch' ⊗   + Search or add a filter

Enter 'safesearch'

Content

SafeSearch and Restricted Mode ⓘ
Inherited from Google default

SafeSearch for Google Search queries

Do not enforce SafeSearch for Google Search queries ▼

Restricted Mode for YouTube

Do not enforce Restricted Mode on YouTube

Enforce at least Moderate Restricted Mode on YouTube

Enforce Strict Restricted Mode on YouTube

USER & BROWSER SETTINGS   DEVICE SETTINGS   MANAGED GUES

Full-text: 'developer tools' ⊗   ←   Enter 'developer tools'

User experience

Developer tools ⓘ
Locally applied ▼

Always allow use of built-in developer tools

Allow use of built-in developer tools except for force-installed extensions

Never allow use of built-in developer tools

Installation Instructions – Settings

● **Step 10**: '*Disable guest mode*' prevents students from using any other email address to bypass school's extension.
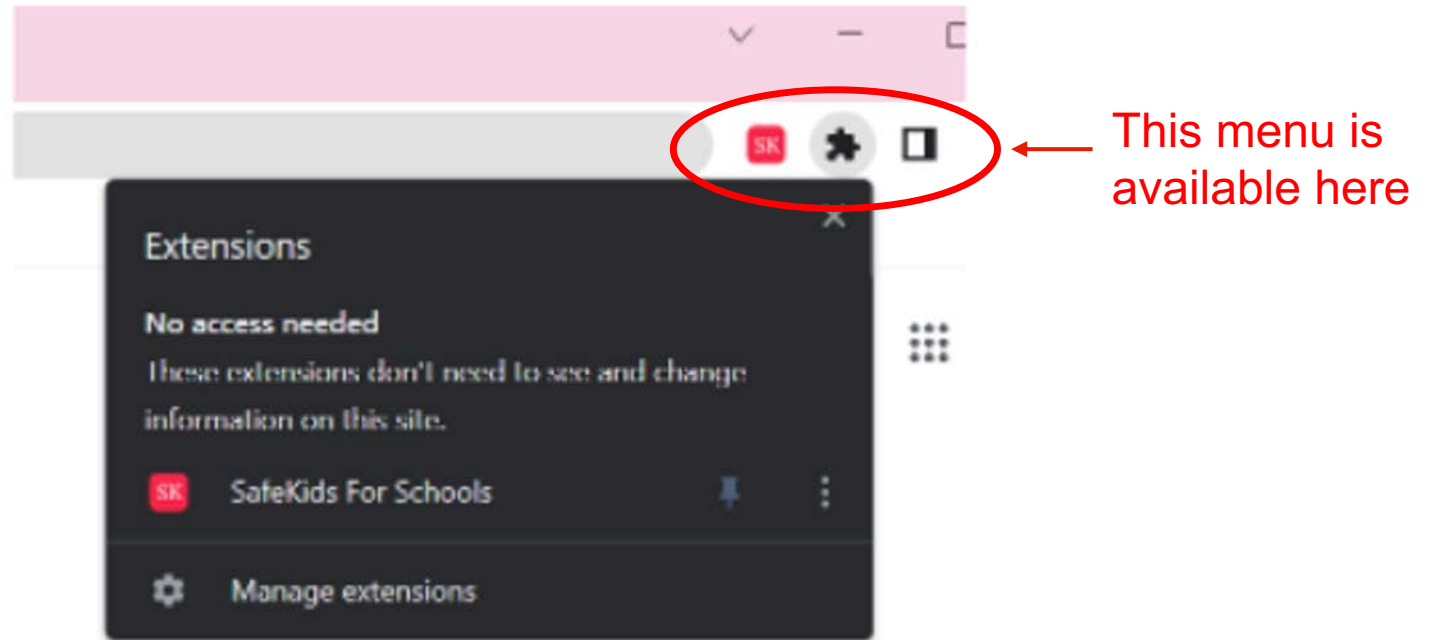
Testing the installation

Of the Chrome Extension

Testing the extension- Extensions menu

● Once the extension is installed on the Admin Console, Google pushes the extension slowly to all the laptops that can take 5 minutes to 2 days to deploy. See the attached Google policy document on the extension rollout.

Once the extension is installed on the Chromebook, it can be seen once the highlighted icon is selected:

This menu is available here

Extensions

No access needed

These extensions don't need to see and change information on this site.

SK   SafeKids For Schools

⚙   Manage extensions

Testing the extension – urls to test with

● You can test the URL intercepts by trying the following URL's:

| URL Category	URL Link
Proxy Websites	https://www.4everproxy.com/ https://www.proxysite.com/ https://www.hidemyass.com/
Social Media	https://www.facebook.com https://www.tiktok.com https://www.instagram.com https://www.discord.com
Gaming	https://www.fornite.com https://store.steampowered.com
Weapons and Violence	https://www.ammo.com https://www.guns.com
Shopping and Media	https://www.netflix.com https://www.hbomax.com

Testing the extension – menu access

● Each of the unsafe websites will trigger Pause, Reflect, and Redirect (PRR).

If there are 4 attempts made within 3 minutes, PRR may decide to limit the students to ONLY whitelist websites. This will prevent your ability to test the extension.

For your convenience, we have made an extension functionality for your test account. To reset the PRR behavior, please select '*Enable Access*' the following to reset your extension:
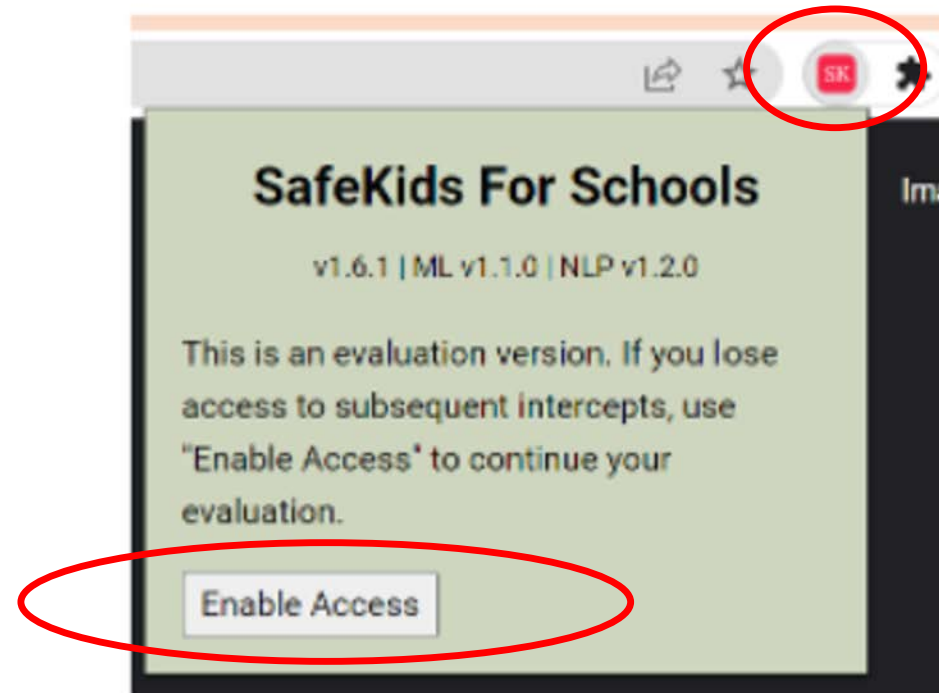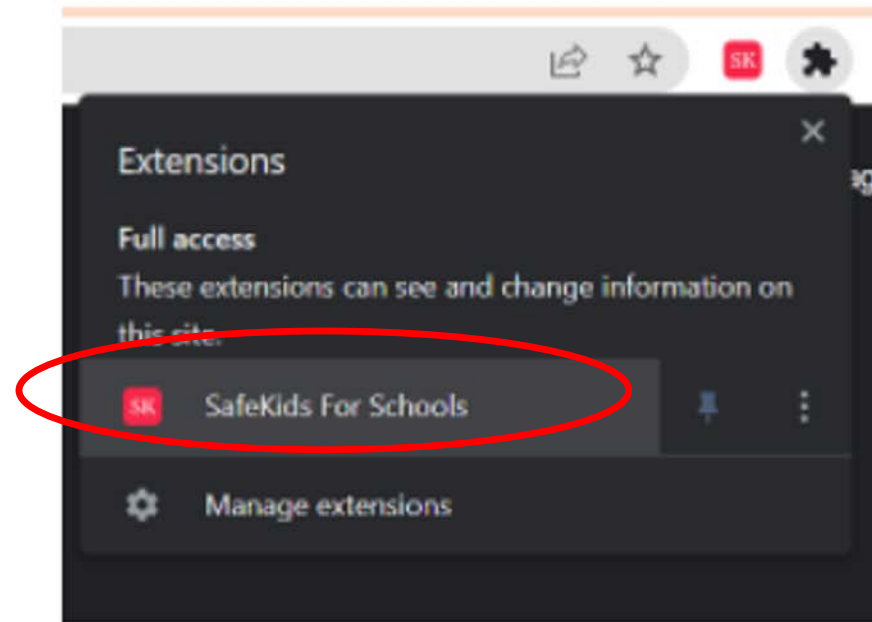
Testing the extension – NLP: Weapons

● Safe Kids uses extremely complex Natural Language Processing (NLP) and Computer Vision algorithms to detect safe and unsafe content. Use the following to test if the extension is properly deployed on the school environment:

Safe Kids NLP processes each web title from a search result for example a Google or YouTube search. Similarly, images from the results are analyzed if they contain questionable content such as Explicit Adult Content or Weapons.

Please use the following to test if machine learning is effectively installed on your environment:

Searches that are allowed allowed based on context
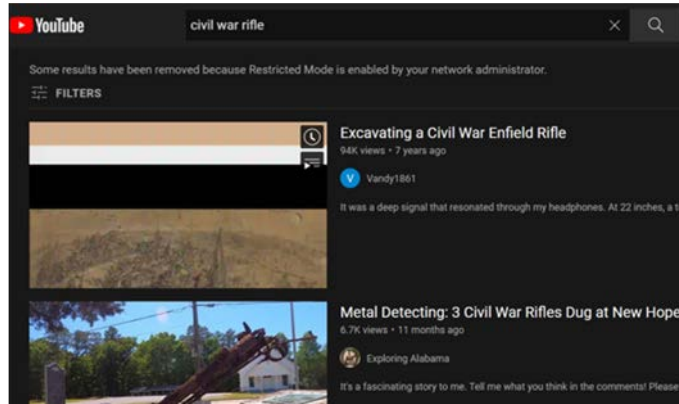
Searches immediately flagged as unsafe and will trigger PRR
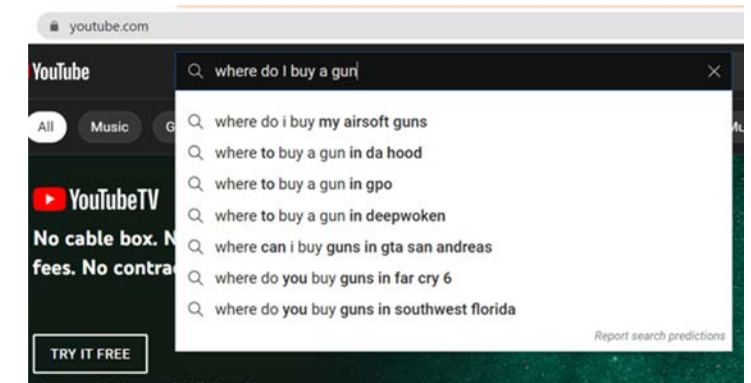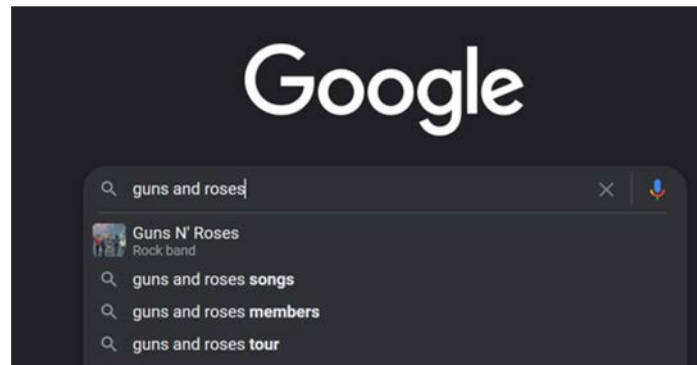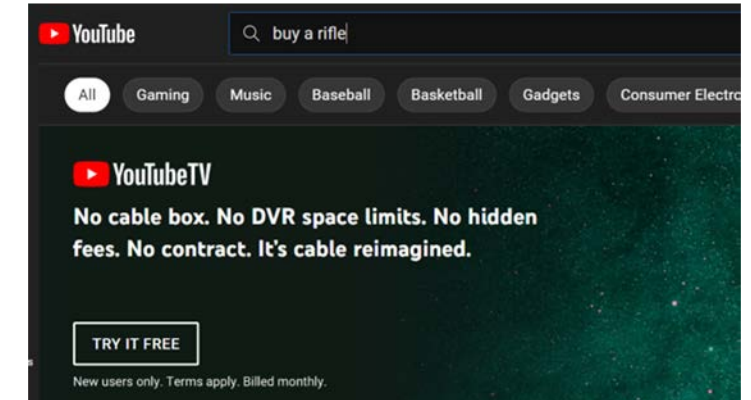
Thanks!

Prepared by the Safe Kids Team