

Ignite Reading District & School Technology Requirements

Overview & Purpose

The purpose of this document is to outline the Ignite Reading technology requirements for Districts and Schools to enable the program to operate successfully on our platform partner, GoSchoolBox (GSB), and to minimize technology issues/concerns.

This document includes the following sections:

District & School IT POC Checklist	<ul style="list-style-type: none"> • Checklist of items to review, verify and execute starting 4 weeks in advance of the launch date
Platform Integration Onboarding Process	<ul style="list-style-type: none"> • Instructions on how to submit a sharing request with GSB through Clever or Classlink
Supported Devices	<ul style="list-style-type: none"> • Recommended student device and browser settings
Network Requirements	<ul style="list-style-type: none"> • Recommended wifi speed and instructions for internet speed test
Go School Box Best Practices	<ul style="list-style-type: none"> • Daily best practices to optimize student success
Audio/Visual Tips & Best Practices	<ul style="list-style-type: none"> • Daily best practices to optimize audio/visual quality and functionality during student sessions
Troubleshooting Guides	<ul style="list-style-type: none"> • Help with general settings, and audio/video issues

For questions and support, please reach out to implementation@ignite-reading.com.

District & School IT Checklist

Please review the checklist below and ensure items are implemented prior to your scheduled IT Test Meeting with Ignite Reading’s Customer Success Manager (CSM), who is responsible for program implementation and ongoing support.

~4 Weeks Prior to Launch

- Provide Single Sign-On ID to Ignite Reading CSM or confirm manual log-in
- Initiate GSB Sharing Request via [Clever](#) or [Classlink](#)



- [Whitelist GSB URLs](#)
- Add ignite-reading.com to your Safe or Approved Senders list to receive important Ignite emails
- [Set browser camera and microphone access to "Always" allow access for thelessonsplace.com](#)
- Schedule IT Test Meeting with Ignite Reading’s CSM
Purpose: During the IT Test Meeting, you will review the checklist with the CSM and run a test session on a student device to ensure you can successfully log-in to the platform.
Timing: The IT Test Meeting will occur ~2 weeks prior to launch.

~3 Weeks Prior to Launch

- Verify that students are using one of GSB’s [recommended browsers](#); perform updates/upgrades as necessary
- Verify network requirements via [internet speed test](#); perform updates/upgrades as necessary
- Review [GSB Best Practices](#)

~2 Weeks Prior to Launch

- Attend IT Test Meeting with Ignite Reading's CSM
 - Prior to the meeting, ensure all other checklist items have been verified/completed
 - During the meeting, ensure you have access to a student device and student headphones. Ideally, the test will be performed on site where the program will be hosted to verify internet speed/functionality. You will use the student device to access a GSB test session. The CSM assigned to your district/school account will walk you through how to log-on to a test session during the IT Test Meeting.

Platform Integration Process

Overview

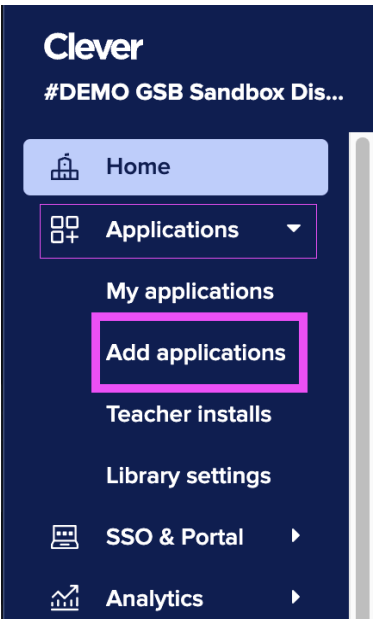
GSB has [an integration with Clever/Classlink rostering services](#), making logging into GSB easy and seamless! You will need to give GSB access to any students and teachers shared through Clever/Classlink. Any user who is shared with GSB through Clever/Classlink upon selecting the GSB app in Clever/Classlink will be redirected to the GSB platform once they have been synced by the GSB team and as long as the district has whitelisted the necessary URLs.

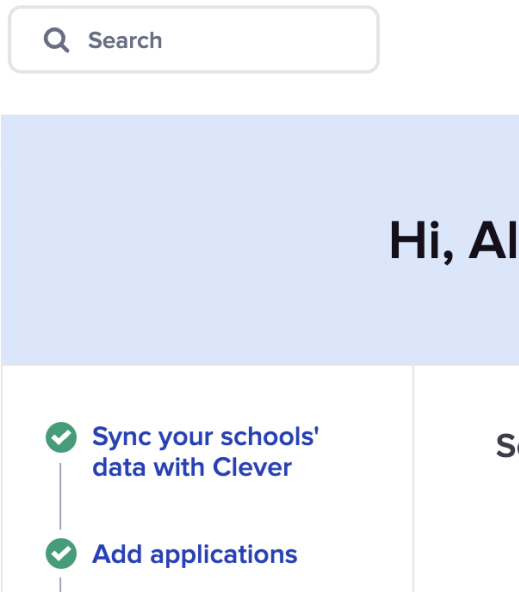
Note: If teachers are shared through Clever/Classlink, they will only be able to view and join sessions for students in their assigned sections.

Sharing Information with GSB: Connecting Via Clever

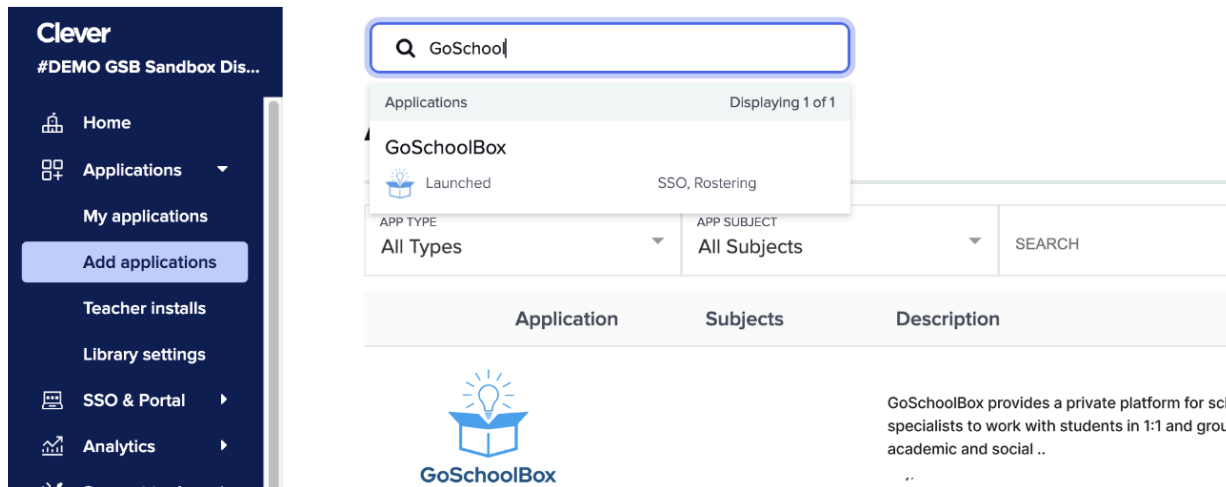
If using Clever, please request connection to GSB ~3-4 weeks prior to launch via the steps below:

1. Under Dashboard, Select Applications
2. Select Add Applications





3. Search for GoSchoolBox and select Request App



The screenshot shows the Clever application interface. On the left is a dark blue sidebar with the Clever logo and navigation options: Home, Applications (with a dropdown arrow), My applications, Add applications (highlighted in light blue), Teacher installs, Library settings, SSO & Portal (with a right arrow), and Analytics (with a right arrow). The main content area has a search bar containing 'GoSchool'. Below the search bar, a dropdown menu displays 'GoSchoolBox' with a lightbulb icon, 'Launched' status, and 'SSO, Rostering' subject. Below the dropdown are two filter menus: 'APP TYPE' set to 'All Types' and 'APP SUBJECT' set to 'All Subjects', followed by a 'SEARCH' button. At the bottom, a table header is visible with columns 'Application', 'Subjects', and 'Description'. Below the header, the GoSchoolBox logo (a lightbulb over an open book) and a partial description are shown: 'GoSchoolBox provides a private platform for scl specialists to work with students in 1:1 and grou academic and social ..'.

4. In the Get Started prompt, answer the following questions:
 - a. Have you already purchased GoSchoolBox for use in your district? **Yes**
 - b. Would you like to suggest a launch date for this application? **No**
 - i. The GoSchoolBox team will set an early launch date for testing purposes
5. Once approved, under My applications, select GoSchoolBox to open the Setup Guide
6. Select schools that will be working with GSB



GoSchoolBox Setup Guide

1 Set sharing

2 Data validation

3 Finalize setup

Set sharing

Now that you've connected with GoSchoolBox, you're only a few steps away from being ready to go. To start, which users should have access to GoSchoolBox? Not sure what to pick? [Here's our guide to sharing.](#)

Share all records in my district.
 Share all records for specific schools. ⓘ
 I'd like to customize my sharing.

Share all students, teachers, and sections in these schools:

0/26 schools

Select schools ▼

Any user who is shared with GSB through Clever/Classlink will be able to view the GSB app once the district administrator has allowed them to view it.

Sharing Information with GSB: Connecting Via Classlink

If using Classlink, please request connection to GSB ~3-4 weeks prior to launch via the steps below:

- In the Classlink Management Console, click Apps.
- Click Add App

Roster Server > Applications

Search app name, nickname, ID, or vendor name

Show Extra Columns

Add App

NAME	RECENT ACTIVITY	ENABLED	TYPE	ORGS	COURSES	ACTIONS
ClassLink <small>ClassLink (App ID: 57)</small>	REST Today at 12:00 PM SFTP Today at 1:00 AM	<input checked="" type="checkbox"/> Enabled	Custom	5+	1946	
Google Classroom <small>Google Classroom (App ID: 10)</small>	REST ...	<input type="checkbox"/> Disabled	Full	40	1946	
Canvas LMS <small>Canvas LMS (App ID: 10)</small>	REST Last Friday at 11:26 AM SFTP 12/02/2019	<input checked="" type="checkbox"/> Enabled	Full	40	1946	
Custom Export 1 <small>Custom Export 1 (App ID: 998)</small>	REST Last Friday at 11:26 AM SFTP Yesterday at 10:35 PM	<input checked="" type="checkbox"/> Enabled	Custom	0	0	
Custom Export 2 <small>Custom Export 2 (App ID: 997)</small>	REST Last Friday at 10:31 AM	<input checked="" type="checkbox"/> Enabled	Custom	3+	1946	

- Search for GoSchoolBox and select add for GoSchoolBox with this icon:



Any user who is shared with GSB through Clever/Classlink will be able to view the GSB app once the district administrator has allowed them to view it.

URLs to Whitelist

In order to use GSB and participate in tutoring sessions, the school district must whitelist the URLs below:

- <https://oauth-redirect.goschoolbox.com>
- <https://schoolbox-express.herokuapp.com>
- <https://www.thelessonspace.com>
- <https://room.sh>
- <https://go.room.sh>
- <https://api.goschoolbox.com>
- <https://ignite.goschoolbox.com>

To ensure video traffic can flow freely, you'll need the following hosts allowed in your firewall, for UDP ports 30000 - 65000:

- ue2-video.firewall.room.sh
- uw2-video.firewall.room.sh
- ew2-video.firewall.room.sh
- af1-video.firewall.room.sh
- ase2-video.firewall.room.sh
- as1-video.firewall.room.sh

You will also need to allow traffic to Lessonspace's TURN servers, on TCP and UDP ports 443 & 3478. Here, you'll want to disable any form of Layer 7 filtering or traffic inspection:

- turn.firewall.room.sh

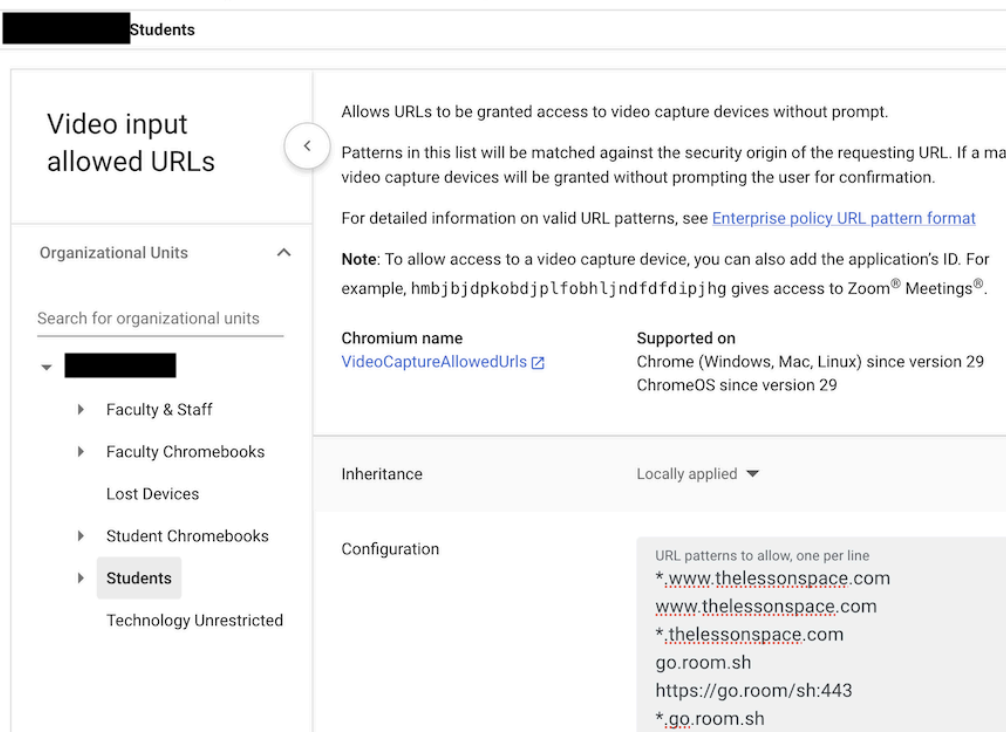
Camera and Microphone Settings

You can allow certain URLs to be granted access to video and audio capture devices without prompt, so students will not have to click on "Allow" in the pop-up that appears every time they join a session.

1. In the Google Admin Panel, go to Devices > Chrome > Settings > Users & Browsers > Hardware > Click on **“Video Input Allowed URLs”**
2. Add the following URLs for whitelisting:
 - *.thelessons.space.com
 - *.room.sh
3. In the Hardware settings section, click on **“Audio Input Allowed URLs”** and enter the same URLs for whitelisting.

Please note the * prefix on the URL ensures that all domains and subdomains are included.

Devices > Chrome > Settings > Users & browsers > Video input allowed URLs



The screenshot shows the 'Video input allowed URLs' configuration page for the 'Students' organizational unit. The page includes a left-hand navigation menu with 'Students' selected. The main content area contains the following information:

- Video input allowed URLs**: Allows URLs to be granted access to video capture devices without prompt.
- Patterns in this list will be matched against the security origin of the requesting URL.** If a match is found, video capture devices will be granted without prompting the user for confirmation.
- Note:** To allow access to a video capture device, you can also add the application's ID. For example, hmbjbjdpkobjplfobhljndfdipjhg gives access to Zoom® Meetings®.
- Chromium name:** VideoCaptureAllowedUrls
- Supported on:** Chrome (Windows, Mac, Linux) since version 29, ChromeOS since version 29
- Inheritance:** Locally applied
- Configuration:**

```

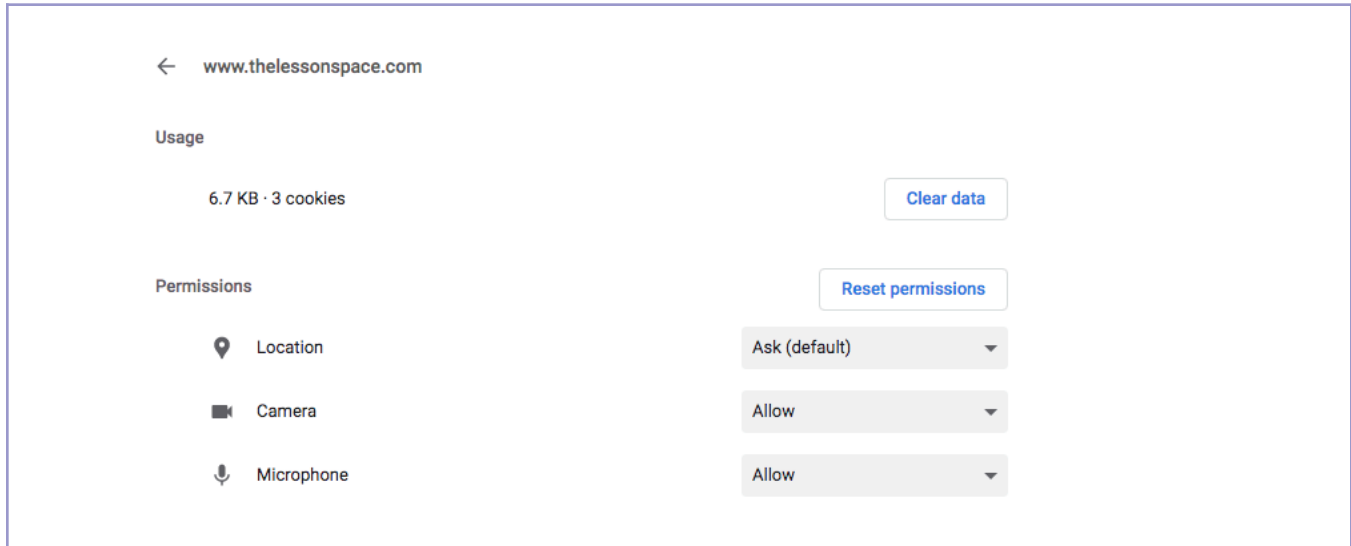
URL patterns to allow, one per line
*.www.thelessons.space.com
www.thelessons.space.com
*.thelessons.space.com
go.room.sh
https://go.room/sh:443
*.go.room.sh

```

These settings can also be set at the device-level, if needed:

1. Open Chrome
2. At the top right, click More > Settings.
3. Click Privacy and security > Site settings > Camera or Microphone.

Here, search for Lessonspace and set Allow for both Camera and Microphone.



Supported Devices

General Guidance

Student Devices: We highly recommend that students are using devices that are less than 5 years old if they have daily usage. If student devices have not been replaced within the last 5 years, consider purchasing new devices to optimize program success and minimize technology concerns.

[LessonSpace Supported Devices & Network Requirements](#)

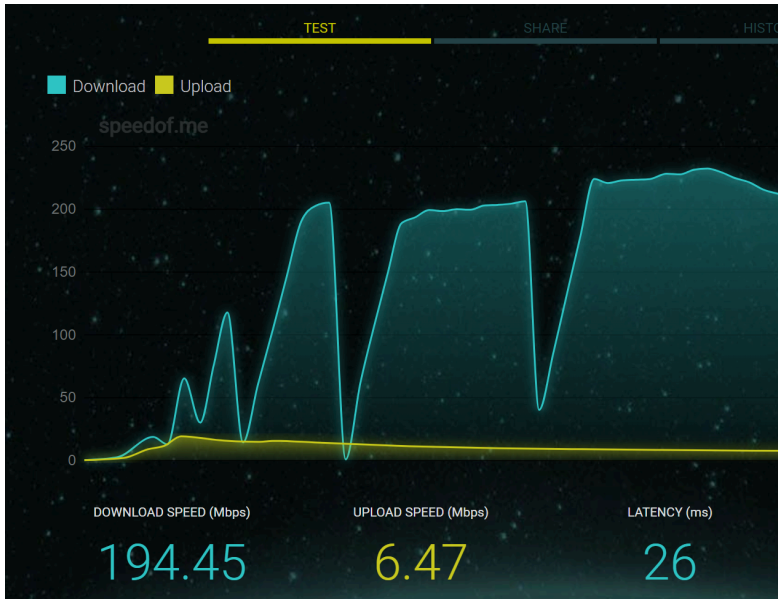
Network Requirements

(Source: [LessonSpace Supported Devices & Network Requirements](#))

We recommend using [speed.of.me](#) to check your internet speed. You will need to ensure you have an internet speed of at least 5Mb/s download, and at least 3Mb/s upload per student.

Using speed.of.me:

1. Access [speed.of.me](#)
2. Click “Start Test”
3. Ensure your internet speed is at least 5Mb/s download, and at least 3Mb/s upload.



The screenshot shows a speed test interface with a line graph. The y-axis represents speed in Mbps, ranging from 0 to 250. The x-axis represents time. A red line indicates the download speed, which starts at 0, rises to about 20 Mbps, then to 120 Mbps, and finally to a peak of approximately 220 Mbps. A blue line indicates the upload speed, which remains consistently low, around 6 Mbps. Below the graph, the final results are displayed: Download Speed (Mbps) is 194.45, Upload Speed (Mbps) is 6.47, and Latency (ms) is 26.

Metric	Value
Download Speed (Mbps)	194.45
Upload Speed (Mbps)	6.47
Latency (ms)	26

Alternative sites to check internet speed include [Fast.com](#).

GoSchoolBox Best Practices

(Source: [GoSchoolBox Technology Best Practices](#))

1. Restart or shut down computer every Friday
2. Ensure strong wifi connection wherever possible
3. LessonSpace requirements: [Supported Devices & Network Requirements](#)
4. Close all other video conferencing tabs
 - a. Google meet, Zoom, Microsoft teams, any previous Lessonspace session, etc.
5. Close out of any unnecessary tabs
6. Ensure that if computers are used by multiple students, **each student logs out prior to the next student using the device.**
7. Don't use universal password for all students to minimize students logging into another students email
8. Join session from the GSB platform, not a bookmarked link.
9. Students and tutors who have a session built into the school day find the most success in their sessions if students join from their regular classroom environment.
 - a. [Here is an article](#) on noise cancellation in the Lessonspace which can be very helpful for students joining from an environment with a lot of background noise.

For additional information, including Go School Box FAQs, click [here](#).

Tablets (General)	<p>If your students are using tablets (iPads, for example), we recommend that you:</p> <ol style="list-style-type: none"> 1) Lock the screen orientation so that the screen does not inadvertently flip so that the session is upside-down. 2) Ensure students use sturdy iPad stands so that they do not accidentally knock the iPad over as they click/touch items on the screen while interacting with their tutor.
iOS Devices	<p>For iOS devices, you can click on the link in the same way you would on a desktop and the mobile/tablet device closely matches the features of our desktop version of Lessonspace! The only feature currently missing from iOS is screen sharing capabilities. We recommend using Safari on iOS devices.</p>
Android Devices	<p>On Android devices, you can use the Chrome browser to go directly to Lessonspace! Simply copy the Lessonspace URL into your browser, and you'll join the Space.</p>

Audio/Visual Tips & Best Practices

- Allow permissions when your browser asks to access your microphone and camera
- Ensure audio and video are also allowed when entering session by clicking gray toggles to blue
- Ensure that your computer is not muted, you have a working speaker and microphone connected to your computer
- Select the correct microphone and camera source
- Select ctrl + (-) to zoom out in order to see the full screen w/icons on the left

Troubleshooting Guides

- [Troubleshooting Guide | Lessonspace](#)
- [I can't hear my student | Lessonspace](#)
- [Camera & Microphone Settings | Lessonspace](#)
- [Basic Troubleshooting Checklist | Lessonspace](#)
- [Technology Best Practices | GoSchoolBox](#)

Status Pages for our Platforms

- [GSB Status Page](#)
- [Lessonpace Status Page](#)
- [Clever Status Page](#)
- [Classlink Status Page](#)