

# Ignite Reading Platform (IRP) District & School Technology Requirements

## Overview & Purpose

This document outlines the Ignite Reading technology requirements for Districts and Schools to enable the program to operate successfully.

This document includes the following sections:

<a href="#">District &amp; School IT POC Checklist</a>	<ul style="list-style-type: none"> <li>Checklist of items to review, verify, and execute starting 4 weeks in advance of the launch date</li> </ul>
<a href="#">Platform Integration Process : Clever</a>	<ul style="list-style-type: none"> <li>Instructions on how to connect to the Ignite Reading App through Clever and modify sharing settings to include required/recommended student data</li> </ul>
<a href="#">Platform Integration Process: Classlink</a>	<ul style="list-style-type: none"> <li>Instructions on how to share the Ignite Reading application with schools and students through Classlink</li> </ul>
<a href="#">URLs to Allowlist (all schools)</a>	<ul style="list-style-type: none"> <li>To ensure access to Ignite Reading and enable participation in tutoring sessions, districts and schools must allowlist these URLs</li> </ul>
<a href="#">Camera and Microphone Settings (all schools)</a>	<ul style="list-style-type: none"> <li>You can allow certain URLs to be granted access to video and audio capture devices without a prompt, so students will not have to click “Allow” in the pop-up that appears every time they join a session.</li> </ul>
<a href="#">Supported Devices (all schools)</a>	<ul style="list-style-type: none"> <li>Recommended student device and browser settings</li> </ul>
<a href="#">Network Requirements (all schools)</a>	<ul style="list-style-type: none"> <li>Recommended wifi speed and instructions for internet speed test</li> </ul>

For questions and support, please [submit a Support Request](#) through Ignite Reading’s Knowledge Base.

## District & School IT Checklist

Please review the checklist below and ensure items are implemented before your IT Test Meeting with Ignite Reading's Onboarding Associate (OA), responsible for program implementation and ongoing support.

### ~4 Weeks Prior to Launch

- ☐ **SSO Schools:** Accept Ignite Reading Platform Sharing Request via Clever/Classlink and complete steps to share student data
- ☐ **All Schools:** Share the Ignite Reading application with schools and students participating in the program
- ☐ **All Schools:** [Allowlist Ignite Reading Platform URLs](#)
- ☐ **All Schools:** Add ignite-reading.com to your Safe or Approved Senders list to receive important Ignite emails
- ☐ **All Schools:** [Set browser camera and microphone access to "Always" allow access to thelessonsplace.com](#)
- ☐ **All Schools:** Schedule IT Test Meeting with Ignite Reading's OA  
Purpose: During the IT Test Meeting, you will review the checklist with the OA and run a test session on a student device to ensure you can successfully log into the platform. Timing: The IT Test Meeting will occur ~2 weeks before launch.

### ~3 Weeks Prior to Launch

- ☐ Verify that students are using one of Ignite's [recommended browsers](#); perform updates/upgrades as necessary
- ☐ Verify network requirements via [internet speed test](#); perform updates/upgrades as necessary

### ~2 Weeks Prior to Launch

- ☐ Attend IT Test Meeting with Ignite Reading's OA

- Before the meeting, ensure all other checklist items have been verified/completed
- During the meeting, ensure you can access a student device and 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:
  - ☐ Test the connection from your Clever, Classlink or Manual account to the Ignite Reading Classroom Portal
  - ☐ Test the connection to LessonSpace to ensure access (and therefore, no firewall issues)
- The OA assigned to your district/school account will walk you through logging on to a test session during the IT Test Meeting.

# Platform Integration Process: Clever

## Overview

Ignite Reading integrates with LessonSpace. You must grant Ignite Reading access to the students and teachers shared via Clever to enable this integration. Once a student is enrolled in the Ignite Reading program through Clever and selects the Ignite Reading app, they will be redirected to the Ignite Reading platform to join their session, provided the district has allowlisted the required URLs and the Ignite team has completed the sync process.

### Sharing Information with Ignite Reading: Connecting Via Clever

If using Clever, Ignite Reading will send a connection request to your School District 3-4 weeks prior to launch via the steps below:

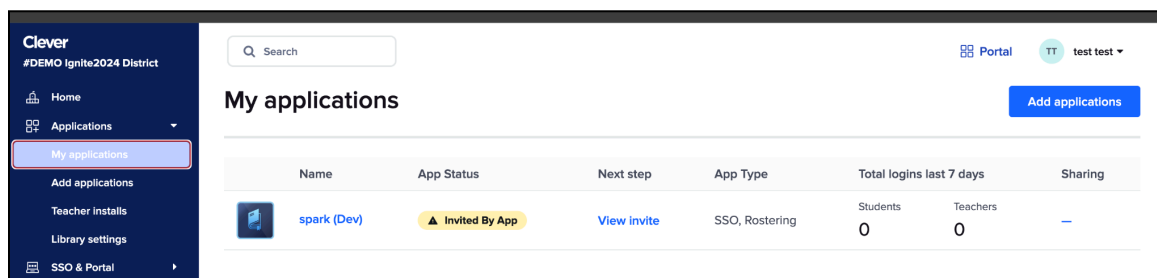
1. Accept the email invitation to connect to the Ignite Reading Platform Application  
*(Note: the screenshots below show a test application called spark (Dev) - the flow that you will see will say Ignite Reading):*

Great news! Your district is already using spark (Dev) and you have been invited to connect via Clever so that your district can take advantage of Single Sign-On and/or rostering and ease strain on teachers.

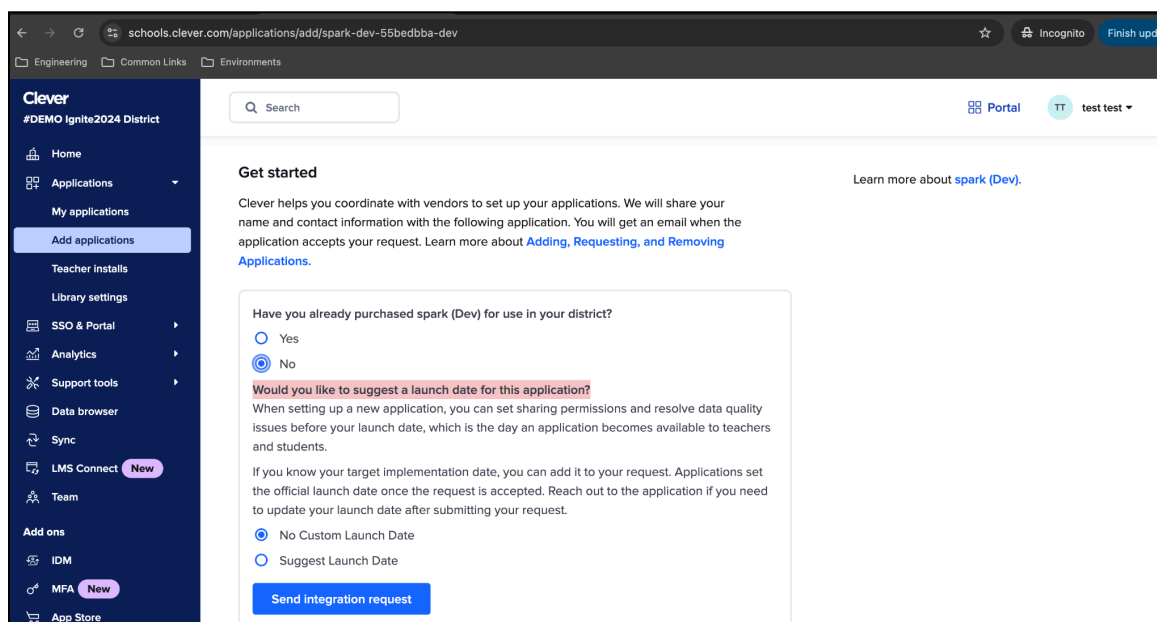
Streamline your workflow by accepting the invitation so your district can start using spark (Dev) on Clever ASAP:

**Accept Your Invitation**

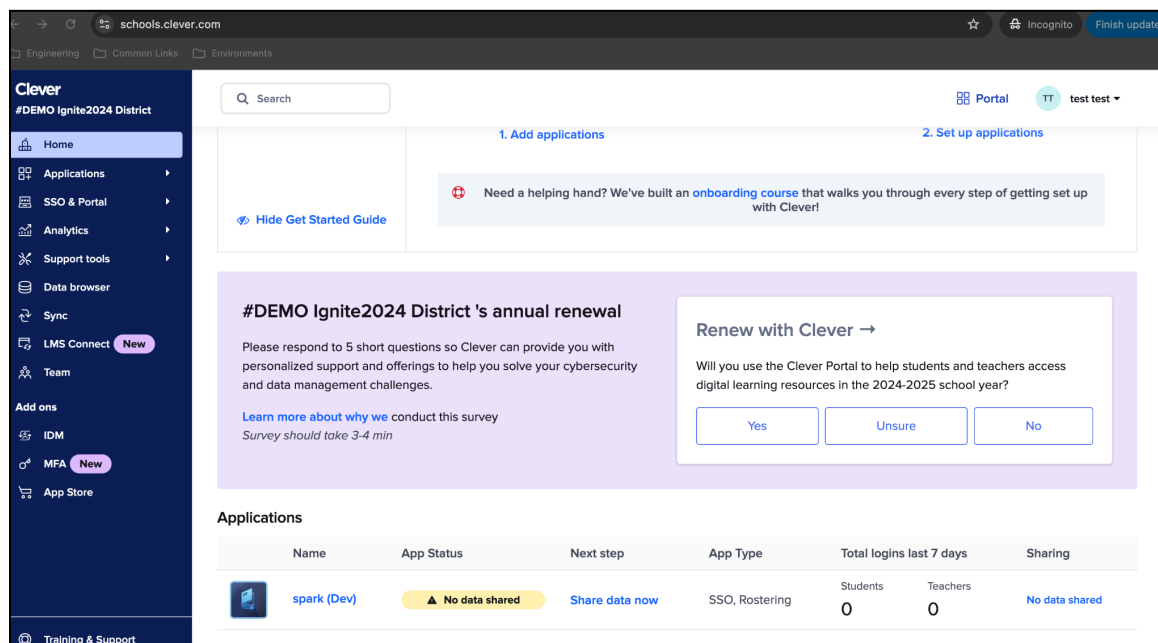
2. Login to your Clever Account as a District Administrator and accept the invite. Select **My applications** -> **View Invite** for the Ignite Reading Application.



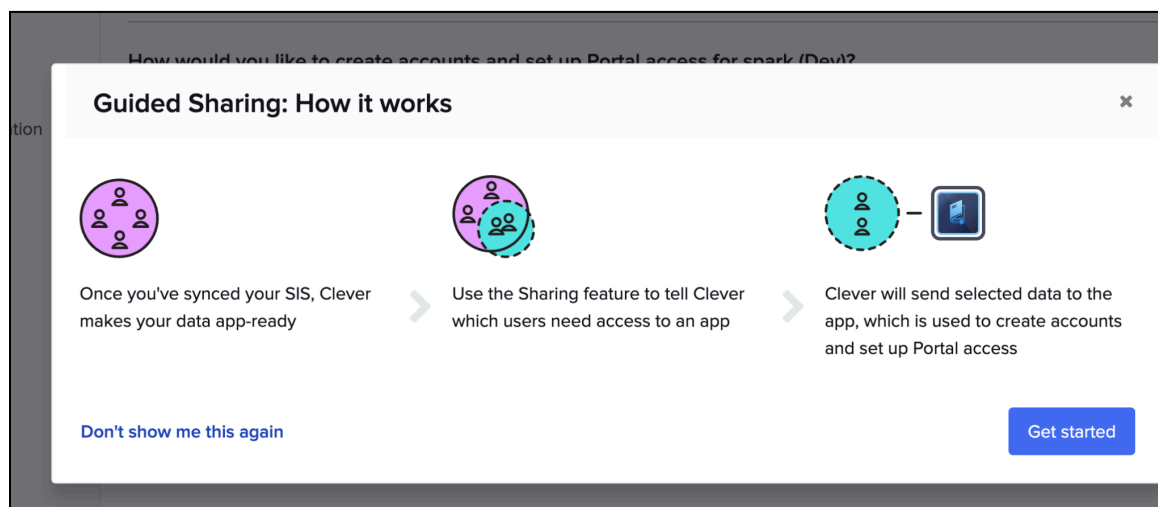
3. Fill out the Questions in the **Get started** section.
  - a. Select **No Custom Launch Date** under **Would you like to suggest a launch date for this application?** The Ignite Reading team will set an early launch date for testing purposes.



4. Under My applications, select **Ignite Reading** -> **Share data now**.



5. Select **Get started** on the Guided Sharing page.



6. Select **Create new sharing settings specific to Ignite Reading**
  - a. Select **everyone in specific schools**
  - b. Select **Next**

[Back to spark \(Dev\)](#) | Guided Sharing for spark (Dev) | SSO, Rostering
 You are using Guided Sharing [Switch Sharing setup view](#)

### Guided Sharing for spark (Dev)

SSO, Rostering

Manage user accounts and Portal access for this application

- Choose sharing method
- Choose who needs access
- Preview & share user data
- Data validation
- Finalize setup

Step 1: Choose sharing method

How would you like to create accounts and set up Portal access for spark (Dev)?

There are multiple data sharing options. For more information on getting started with sharing, see [Sharing Permissions: Overview](#) in our Help Center.

☒ Create new sharing settings specific to spark (Dev) Recommended

- Start from scratch to share only the users that need access
- Share with everyone in the district, specific schools, or specific user types

Who will be using spark (Dev)? You can customize this data further in the next step.

Specific sections, teachers, students, and/or staff

Everyone in specific schools

Everyone in my district

Clever
Next

7. Select the school(s) that will be working with Ignite Reading.

[Back to spark \(Dev\)](#) | Guided Sharing for spark (Dev) | SSO, Rostering
 You are using Guided Sharing [Switch Sharing setup view](#)

### Guided Sharing for spark (Dev)

SSO, Rostering

Manage user accounts and Portal access for this application

- Choose sharing method
- Choose who needs access
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Step 2: Choose who needs access

Set up access for everyone in specific schools

Select schools to share with spark (Dev). You'll share all data, including students, teachers, staff and sections with the application. For more information on sharing by school, see [Sharing data with an app](#) in our Help Center.

Sharing 1/9 schools

Search...

<input checked="" type="checkbox"/> Select all	School Name ↑	City ↓	State
<input type="checkbox"/>	City High School	New York	NY
<input type="checkbox"/>	Default District Office (Auto-generated)		
<input type="checkbox"/>	Jefferson Academy	Naperville	IL
<input type="checkbox"/>	Lincoln Middle School	Evanston	IL
<input checked="" type="checkbox"/>	Pineapple Elementary School	Brooklyn	NY
<input type="checkbox"/>	Rockaway Beach Middle School	Rockaway Beach	NY
<input type="checkbox"/>	Roosevelt High	Oak Park	IL

Need help?  
[Contact our team in the Help Center](#)

Clever

Previous
Next

8. Assuming data exists for the school, the next step is to Preview your data sharing settings. Confirm the data for the schools looks as expected and select **Share with application**.

← Back to spark (Dev) | Guided Sharing for spark (Dev) | SSO, Rostering You are using Guided Sharing [Switch Sharing setup view](#)

### Guided Sharing for spark (Dev)

SSO, Rostering

Manage user accounts and Portal access for this application

- ✓ Choose sharing method
- ✓ Choose who needs access
- 3 Preview & share user data**
- 4 Data validation
- 5 Finalize setup

[Need help?](#)

Clever

Share all data in these schools, including teachers and classes, with spark (Dev) to make accounts:

School is

Total data to be shared **6 students** **3 teachers** **18 sections** **0 staff**

Students Teachers Staff Sections Rows Per Page **20**

Name	Sis Id	Email	Grade	Iep Status	School
David M Considine	574095232	c_david@example.org	1	N	Pineapple Elementary School
Donald J Kovacek	958709227	k.donald@example.com	1	N	Pineapple Elementary School
John L Anderson	243615677	john.a@example.com	1	N	Pineapple Elementary School
Angelo S Sawayn	381370052	s.angelo@example.net	1	Y	Pineapple Elementary School
Steven A Robel	992399521	steven.r@example.com	1	Y	Pineapple Elementary School

[Previous](#) [Share with application](#)

9. Select **Share with application** and work with the Ignite Reading team on any Data validation errors that may be flagged on the Data Validation setup page.

← Back to spark (Dev) | Guided Sharing for spark (Dev) | SSO, Rostering You are using Guided Sharing [Switch Sharing setup view](#)

### Guided Sharing for spark (Dev)

SSO, Rostering

Manage user accounts and Portal access for this application

- ✓ Choose sharing method
- ✓ Choose who needs access
- ✓ Preview & share user data
- 4 Data validation**
- 5 Finalize setup

[Need help?](#)

Clever

Step 4: Data Validation

spark (Dev) sets **data errors and warnings** to flag potential data issues as soon as possible.

- If you see an **error** 🛑, this means that the flagged records will not be accessible in spark (Dev) - users will not be able to log in, and classes will be missing.
- If you see a **warning** ⚠️, this means that the record should be accessible, but may have a degraded experience.

If you have data that is flagged, please review the impacted records carefully. We recommend resolving as many of them as possible. If you have questions about what impact specific errors and warnings will have, reach out to the [spark \(Dev\) team](#). If you need help resolving these data issues, [reach out to our support team](#).

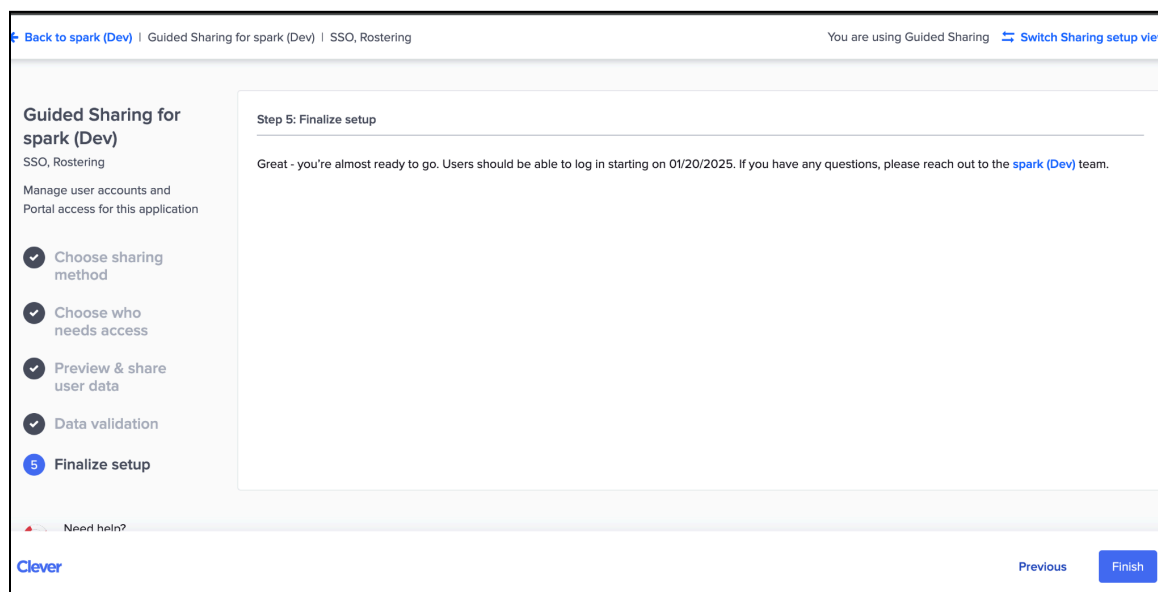
👍 **No data issues**

You have no data issues currently. Nice work!

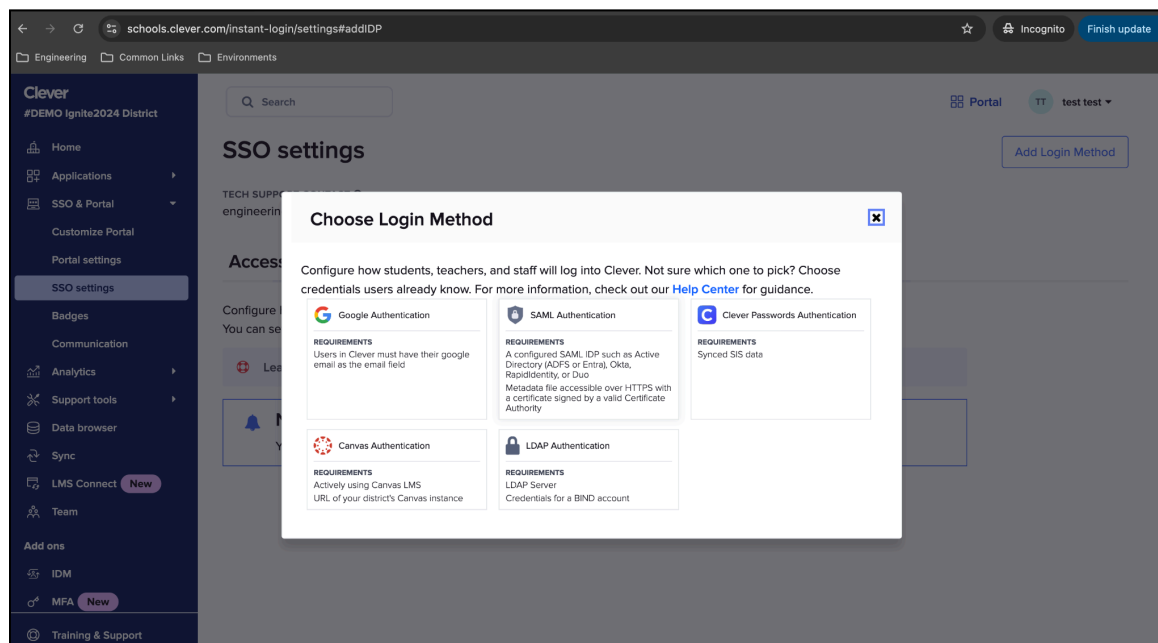
[Previous](#) [Next](#)

10. Select **Finalize setup**





11. Set up a login method so students can log in to Clever and access the Ignite Reading application.

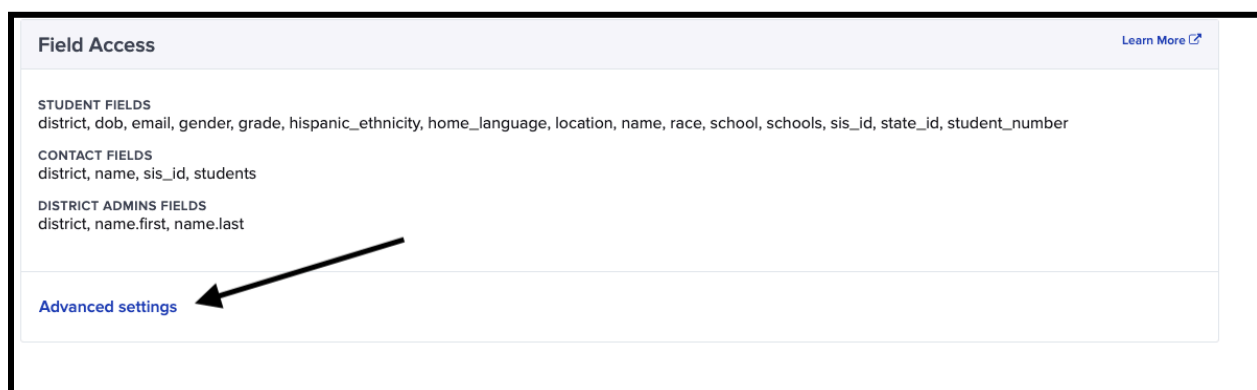


## Instructions for Sharing User Fields in Clever

If using Clever, follow the instructions below to ensure your District/School shares required and recommended student fields with Ignite Reading. Sharing the correct student fields will simplify and accelerate the student rostering process for District/School Administrators completing student enrollment for the Ignite Reading program.

Ignite Reading also needs teacher (Name, Email) and classroom information to properly roster students on our platform.

1. Navigate to Applications -> My applications -> Ignite Reading -> Settings -> Advanced Settings (scroll to bottom of page)



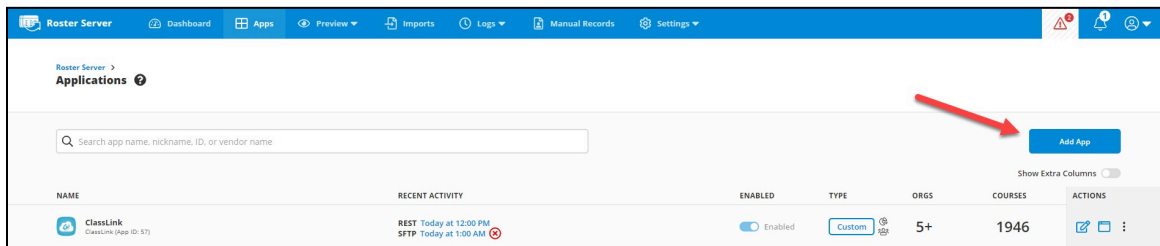
2. Select **Customize fields shared with Ignite Reading** and then click **Customize fields**.
3. Check that the following fields are available to the Ignite Reading Application. Once selected, the field will move to the box on the right.
  - First\_Name
  - Last\_Name
  - Grade
  - Student\_ID
  - School\_ID
  - Student\_Email
  - Hispanic\_Latino
  - Race
  - Home\_Language
  - ELL\_Status (English Language Learner)
  - FRL\_Status (Free & Reduced Lunch Status)



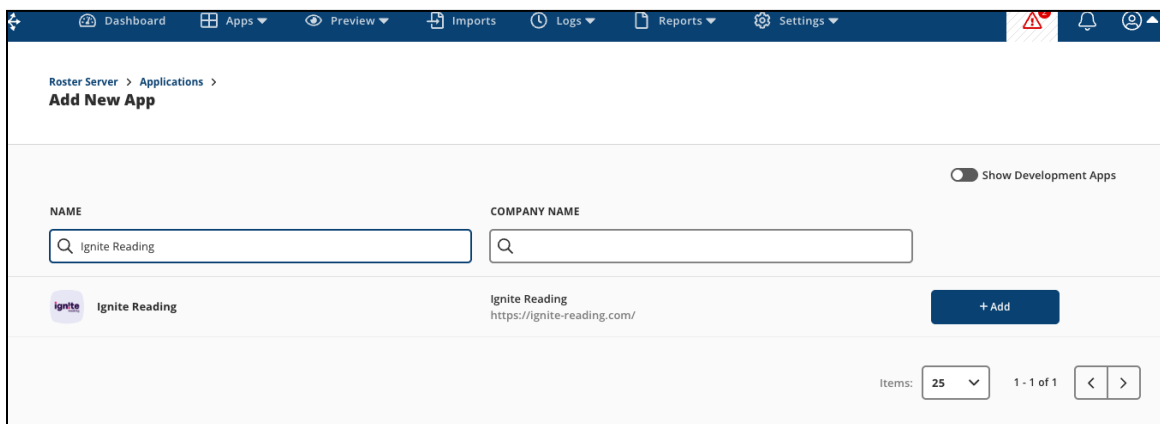
# Platform Integration Process: Classlink

## Sharing Information with Ignite Reading: Connecting Via Classlink

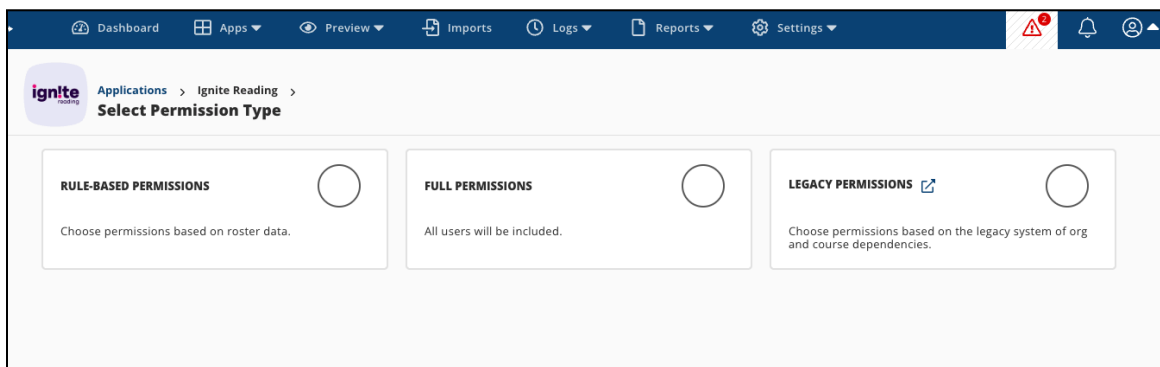
1. In the ClassLink, select **Roster Server**.
2. Select **Apps** -> **All Applications**, select **Add**



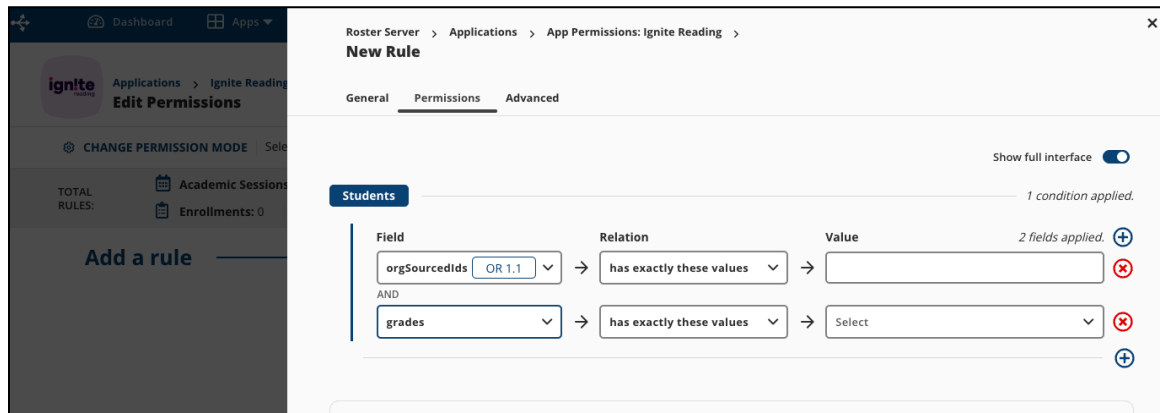
3. Search for Ignite Reading and select **Add**.



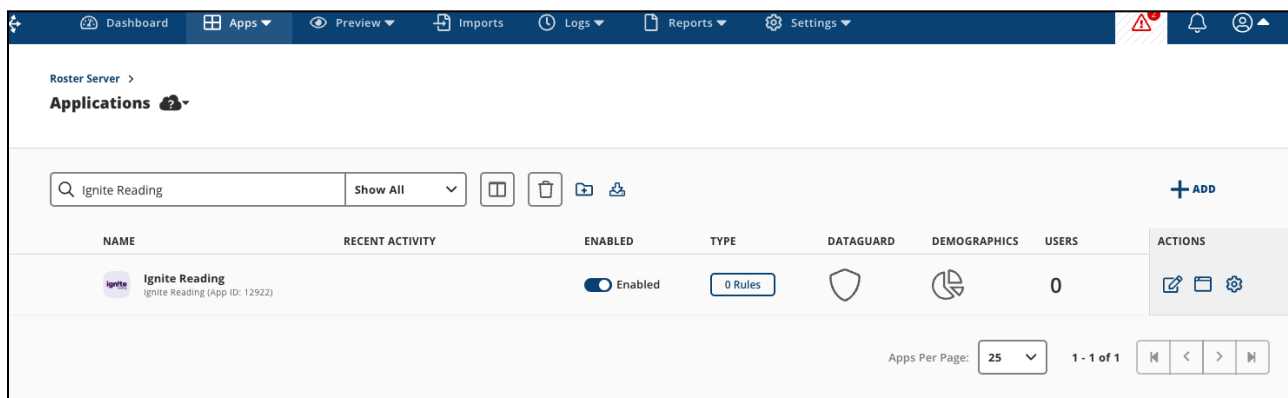
4. Select **Rule-Based Permissions** to set up the data sharing rule.









5. Select **Add a rule** and create a new rule by clicking on **New Rule -> Permissions -> More Options -> Students**. Filter on **OrgSourcedIds** and **Grade**. The **orgSourcedId** field is used to indicate which organization (school or district) that record belongs to. For **Grade**, enter the grade level of students who will be enrolling in the Ignite Reading program.



6. Enable the Roster Server connection by selecting **"Enabled"** for **Ignite Reading** under **Roster Server > Applications**.



NAME	RECENT ACTIVITY	ENABLED	TYPE	DATAGUARD	DEMOGRAPHICS	USERS	ACTIONS
 <b>Ignite Reading</b> Ignite Reading (App ID: 12922)		<input checked="" type="checkbox"/> Enabled	0 Rules			0	  

## Instructions for User Student Fields in ClassLink

If using ClassLink, follow the instructions below to ensure your District/School shares required and recommended student fields with Ignite Reading. Sharing the correct student fields will simplify and accelerate the student rostering process for District/School Administrators completing student enrollment for the Ignite Reading program.

Ignite Reading also needs teacher (Name, Email) and classroom information to properly roster students on our platform.

1. Please ensure the following student fields are provided. Whenever possible, we strongly prefer to receive this data via the Roster Server connection, allowing us to treat the Student Information System (SIS) as the source of truth.

If any of the not required fields listed below cannot be provided through OneRoster, schools may enter the missing data manually in the Ignite Reading School Portal during onboarding.

### Required via Roster Connection (OneRoster):

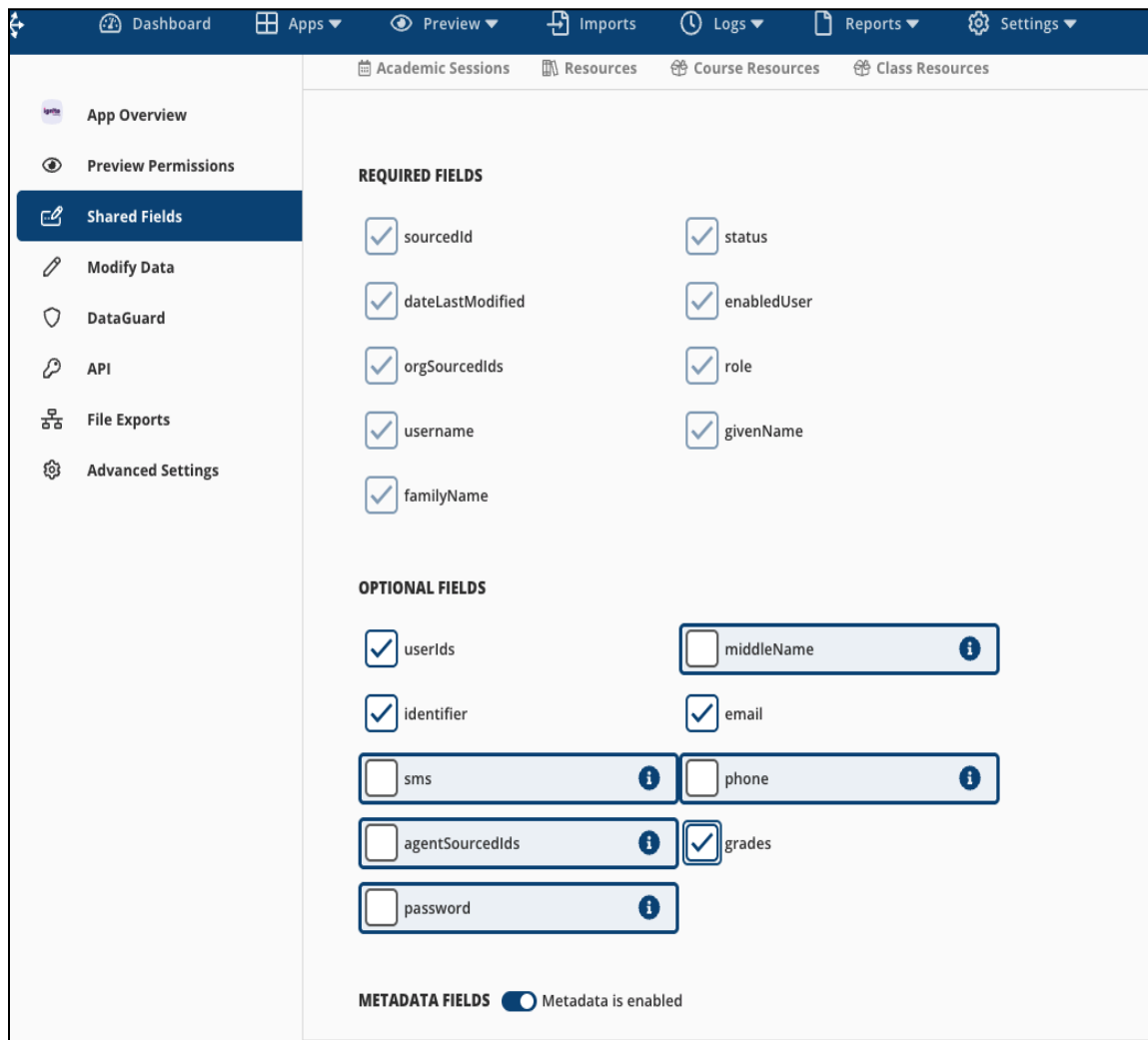
- **givenName** (required)
- **familyName** (required)
- **sourcedId** (required)
- **identifier** (required)
- **orgSourcedIds** (required)
- **email** (required *Note: A student email is required for access via ClassLink Single Sign-On (SSO)*)

### Additional Student Fields (Preferred via Roster Connection (OneRoster)):

- Hispanic\_Latino
- Race
- Home\_Language
- ELL\_Status (English Language Learner)
- FRL\_Status (Free & Reduced Lunch Status)
- IEP\_Status (Individualized Education Program Status)
- State\_id (note: This should be provided only if required by the state for reporting purposes.)

\* Note: The following fields can be added as custom fields in the users.csv file of your OneRoster feed: **Hispanic\_Latino, Race, Home\_Language, ELL\_Status, FRL\_Status, IEP\_Status, state\_id**

- In **Roster Server**, navigate to **Applications -> Ignite Reading -> Shared Fields**. Enable **Metadata Fields** and **userIds**, **identifier**, **grades**, and **email** in **Optional Fields**. Select **Save**.



Dashboard Apps Preview Imports Logs Reports Settings

Academic Sessions Resources Course Resources Class Resources

App Overview

Preview Permissions

**Shared Fields**

Modify Data

DataGuard

API

File Exports

Advanced Settings

**REQUIRED FIELDS**

☒ sourcedId ☒ status

☒ dateLastModified ☒ enabledUser

☒ orgSourcedIds ☒ role

☒ username ☒ givenName

☒ familyName

**OPTIONAL FIELDS**

☒ userIds

☒ identifier ☒ email

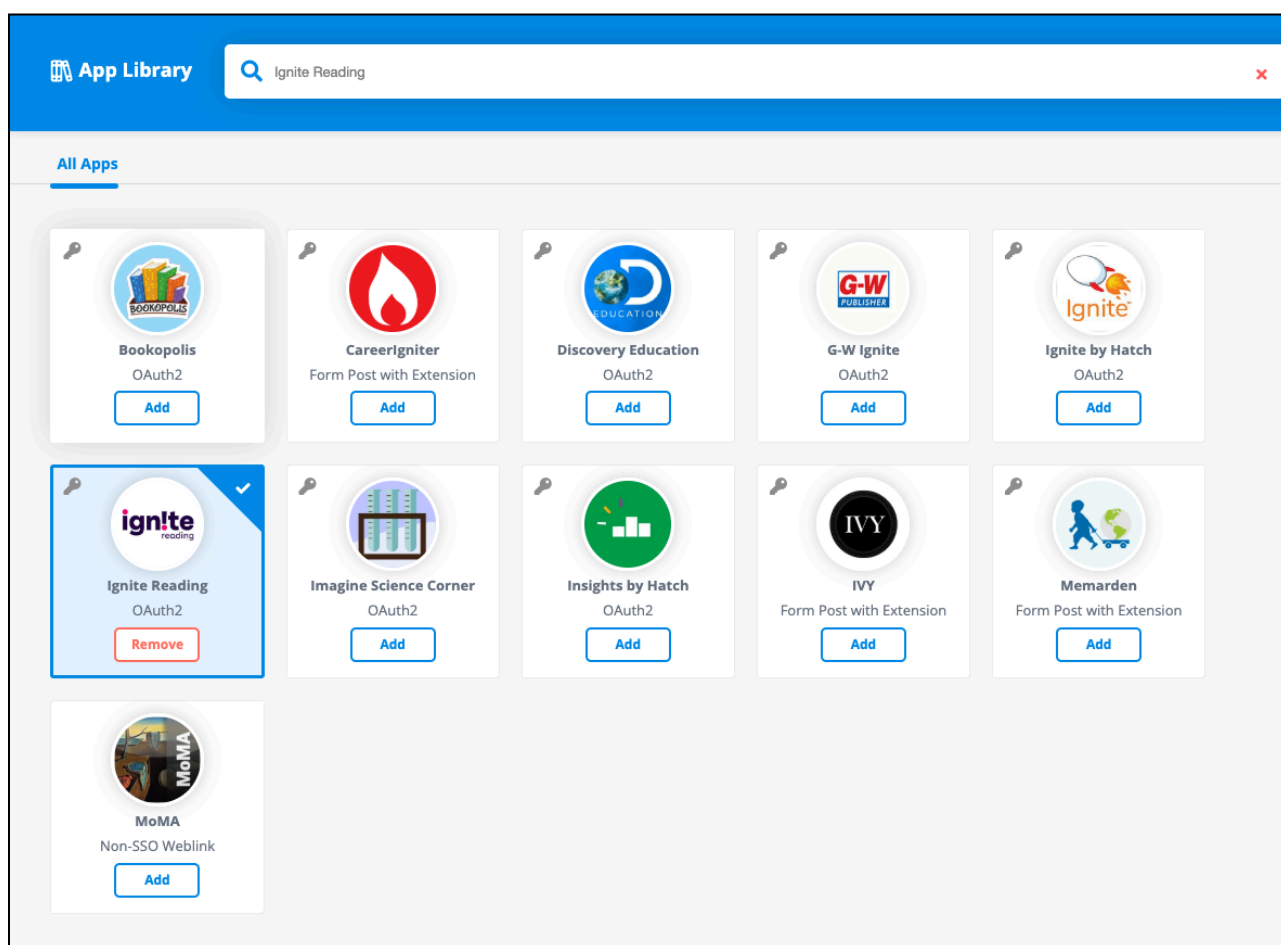
☒ grades

**METADATA FIELDS** ☒ Metadata is enabled

## Sharing the Ignite Reading Application with Schools & Students via ClassLink

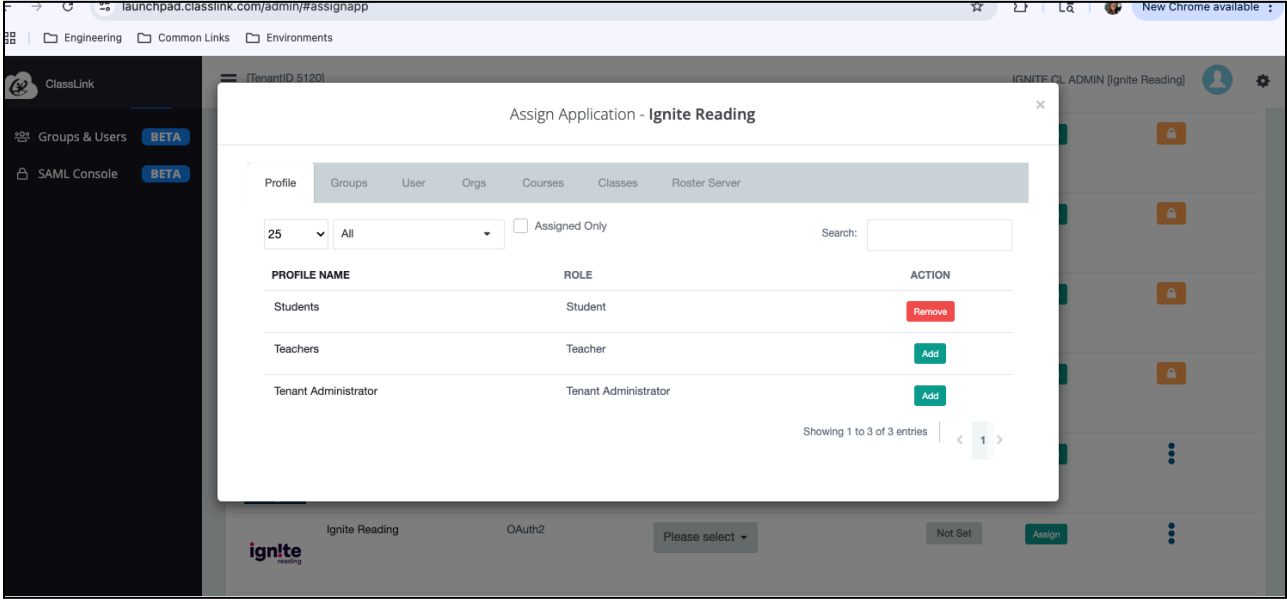
To make the Ignite Reading app visible to students in ClassLink, you'll need to add the app and assign App Permissions in the ClassLink Management Console.

- Navigate to the **ClassLink Management Console** and go to **Applications**.
- Open the **Add & Assign Apps**, search for **Ignite Reading**, and click **Add**.



- Once added, select **Ignite Reading** -> **Assign** and select **Add** for Students.





Any user who is shared with us through Classlink upon selecting the Ignite Reading app in Classlink will be redirected to the Ignite Reading platform once they have been synced by Ignite Reading and as long as the district has allow listed the necessary URLS.

## URLs to Allowlist: All Schools

### URLs to Allowlist (All Schools)

To use Ignite Reading and participate in tutoring sessions, the District/Schools must allowlist the URLs below:

- <https://www.thelessonspace.com>
- <https://room.sh>
- <https://go.room.sh>
- <https://schools.ignite-reading.com>
- <https://students.ignite-reading.com>
- <https://sdk.split.io>
- <https://auth.split.io>
- <https://auth.ignite-reading.com/>
- <https://login.ignite-reading.com/>
- <https://ignite-reading-partners.learnuponus.com>
- <https://launch.ignite-reading.com>
- \*.heapanalytics.com
- \*.heap-api.com
- \*.contentsquare.net

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

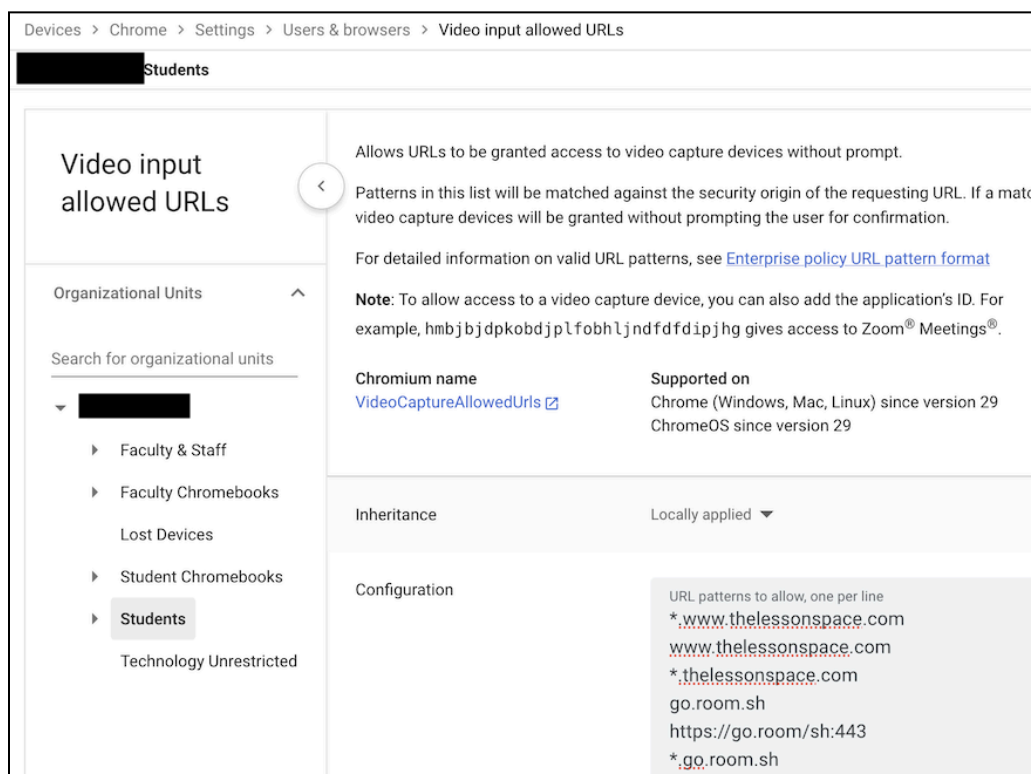
# Camera & Microphone Settings

## Camera and Microphone Settings

You can allow certain URLs to be granted access to video and audio capture devices without a prompt, so students will not have to click “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 allowlisting:
  - \*.thelessons.space.com
  - \*.room.sh
3. In the Hardware settings section, click **“Audio Input Allowed URLs”** and enter the same URLs for listing.

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

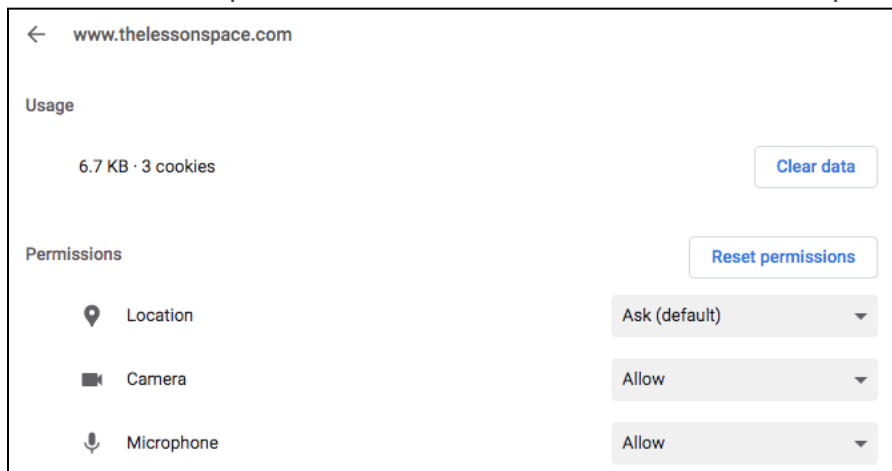


These settings can also be set at the device level, if needed:

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 use devices 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.

### [Lessonpace Supported Devices & Network Requirements](#)

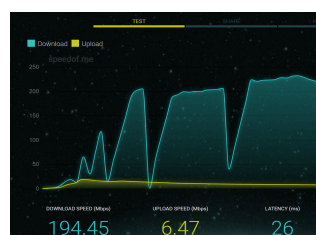
## Network Requirements

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

We recommend using [speed.of.me](#) to check your internet speed. You must ensure 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. |  |
|--|--|

Alternative sites to check internet speed include [Fast.com](https://www.fast.com/).