

Magpie K-8 Technical Guide

Table of Contents

Technical Requirements & Supported Devices	1
Video Decoding Test for Chromebooks	2
Accessories	2
Domains	3
Enable microphone and camera on iPad and Chrome	3
Clever® Rostering	4
1. Request Access to Magpie Literacy	4
2. Set Up Sharing Rules	4
3. Save & Verify	5
ClassLink® Rostering with Clever AnySchool	5
Step 1: Provide your ClassLink administrator's information	5
Step 2: Open and verify the setup link	5
Step 3: Choose the ClassLink connection	6
Step 4: Authorize the roster connection	6
Step 5: Complete the connection	6
Step 6: Magpie verifies the roster	6

Technical Requirements & Supported Devices

Magpie Literacy is a web-based application compatible with iPads and Chromebooks. To ensure an optimal user experience, we recommend certain settings.

At Magpie Literacy, we support the following devices:

Grades K-2

- iPads:
 - Have at least 3GB of RAM
 - 8th generation iPad or newer
 - Must be 17 iOS or newer
 - Safari 17 web browser
- Chromebooks:
 - Touchscreen (recommended for the youngest learners, e.g., Kindergarten)
 - On Non-Touchscreen devices students will need to use “drag and drop” with the track pad in several Magpie activities, which we have observed as challenging for some young learners
 - Have at least 4GB of RAM
 - Must be the two latest Chrome releases
 - Must pass video decoding test (<https://learn.magpie.org/video-player-test>) or disable hardware acceleration video decoding
 - Chrome web browser (latest version)

Grades 3-8

- Chromebooks or Laptops:
 - Non-touch screen or ability to turn touchscreen off and use track pad preferred
 - Have at least 4GB of RAM
 - Must be the two latest Chrome releases
 - Must pass video decoding test (<https://learn.magpie.org/video-player-test>) or disable hardware acceleration video decoding
 - Chrome web browser (latest version)

Using other devices? Work with the Magpie team to ensure full operability.

To find your Chrome browser version, you can do the following:



1. Open Chrome
2. Click the three dots in the top right corner
3. Select Help from the drop-down menu
4. Select About Google Chrome from the next drop-down menu
5. The browser version will be displayed at the top of the new page

To find the version of iPadOS Safari on an iPad:

1. Open Settings on your iPad
2. Scroll down and select the General tab
3. Select the About tab
4. Find the iOS Version section and view the current version

Video Decoding Test for Chromebooks

Magpie Literacy uses instructional videos to support students' experience within our tool. To verify that the video player will play on your Chromebook or devices, please complete the Video Decoding Test:

<https://learn.magpie.org/video-player-test>

Accessories

We recommend students use **headphones** when learning on Magpie to clearly hear Magpie instruction and feedback with minimal background noise.

Magpie is actively testing and developing Automatic Speech Recognition technology that can be integrated into Magpie literacy tools once it is accurate enough to provide instructional value for students. We will be testing performance of this ASR technology with headphones and with headsets with microphones to determine the best experience for students in the coming years.

Domains

We recommend adding these domains to your **allow list**:

<https://learn.magpie.org>

<https://api.learn.magpie.org>

<https://asr-api.learn.magpie.org>



<https://game-viewer.learn.magpie.org>

<https://assessments.magpie.org>

<https://api.assessments.magpie.org>

<https://api.pathfinder.magpie.org>

Enable microphone and camera on iPad and Chrome

1. If using an iPad, we recommend [Restarting](#) the iPad device.
2. To **enable** the **Microphone for all Games**, please visit <https://game-viewer.learn.magpie.org/enable-microphone>.



Clever® Rostering

Magpie Literacy integrates with **Clever®** to streamline the rostering process for schools. This ensures automatic, secure, and accurate updates to student and teacher data—saving schools time and improving implementation consistency. Below is an overview of how auto-rostering works through Clever® and what to expect when onboarding.

1. Request Access to Magpie Literacy

In Clever®, district partners can request the Magpie Literacy app in your Clever® dashboard:

1. Log into your Clever® dashboard and select Applications → Add Applications.
2. Search for Magpie Literacy.
3. Request the **Magpie Literacy** app.

After you request Magpie Literacy in Clever®, Magpie will receive a notification and will contact you.

2. Set Up Sharing Rules

- Click on “**Sharing**”
- Choose “**Share by rules**”
- Configure filters (e.g., specific **grades, subjects, or sections**) to **ensure that only the relevant English/Reading/ELA classes and sections are rostered** in Magpie Literacy.

Grades	Sections
KG, 1, 2 Please do NOT share any students in PreK or with grade levels above 2nd	ELA, Language Arts, Literacy Please do NOT share any classrooms that will not be using Magpie

- [Share Staff](#) (i.e. people who should be getting a Magpie school leader account) - *ensure these are staff who need to access Magpie data dashboards for all classes and grades in one school*
- [Share District Admin](#) (i.e. people who should be getting a Magpie district leader account) - *ensure these are staff who need to access Magpie data dashboards for all schools and grades district-wide*

Teacher Magpie Account [Clever: Teacher]	School Admin Magpie Account [Clever: Staff]	District Admin Magpie Account [Clever: District Admin]
• View data for all students enrolled in their classes	• View data for all classes and grades (K-2) in one school	• View data for all schools and grades (K-2) district-wide

3. Save & Verify

1. Click **“Save”** to apply changes
2. Review shared data to ensure only relevant sections are included
3. **Magpie syncs with Clever nightly. Any roster changes will be reflected in Magpie the next calendar day.**

Rostering is complete when Magpie confirms that the roster has been successfully verified. In some cases Magpie will need district partners to adjust the sharing rules to ensure only the intended students are getting access to Magpie and are reflected in Magpie dashboards.

ClassLink® Rostering with Clever AnySchool

Magpie uses **Clever AnySchool** to securely connect to your district's **ClassLink** roster data. Clever AnySchool is a secure rostersing service that allows Magpie to receive roster data from districts that use systems other than Clever.

If your district has rostered Magpie or another application through ClassLink, much of this process will be familiar. Your ClassLink administrator will authorize access to your roster data as usual.

The key difference is that you will begin with a secure setup link provided by Magpie. Instead of adding Magpie directly through ClassLink, you will use that link to connect your ClassLink Roster Server to Magpie through Clever AnySchool. You do not need a Clever account.

ClassLink SSO will not change. Teachers and students will continue to find and launch Magpie through ClassLink as usual. Clever AnySchool is used only to securely transfer roster data from ClassLink to Magpie; it does not replace ClassLink as the login or launch experience.

Step 1: Provide your ClassLink administrator's information

1. Identify the ClassLink administrator who can authorize access to your district's Roster Server.
2. Send Magpie:
 - a. Your district or school name
 - b. The name and email address of your ClassLink administrator
3. Magpie will send the administrator a secure, personalized setup link.
 - a. The link is tied to the administrator's email address and cannot be shared with another administrator. Complete the setup promptly because the link expires after 48 hours.

Step 2: Open and verify the setup link

The ClassLink administrator should:

1. Open the setup link provided by Magpie.
2. Select **Get started**.



3. Check their email for a verification message.
4. Select **Verify your email**.
5. Return to the setup process.

Step 3: Choose the ClassLink connection

Follow the instructions shown in the setup flow to connect your district's ClassLink Roster Server.

ClassLink may appear as a **OneRoster API** connection. This is expected: ClassLink Roster Server uses the OneRoster standard to securely provide roster data.

Step 4: Authorize the roster connection

Follow the on-screen instructions to authorize access to your ClassLink roster data.

Depending on your district's ClassLink configuration, you may be asked to obtain connection information from ClassLink. Enter only the information requested in the setup flow.

Do not send roster credentials or API keys to Magpie by email.

Step 5: Complete the connection

1. Review the ClassLink connection information.
2. Select the schools that will use Magpie.
3. Authorize associated students, teachers, classes, and enrollments to be shared with Magpie.
4. Confirm that Magpie will receive the appropriate roster data.
5. Complete the setup.

Magpie will be notified when the connection is ready for review.

Step 6: Magpie verifies the roster and syncs nightly

Magpie will verify that:

- The expected schools are present.
- The required teachers and students were received.
- Students and teachers are connected to the correct classes.



- Required grade-level and enrollment information is available.

Magpie syncs with Clever nightly. Any roster changes shared with Magpie will be reflected in Magpie the next calendar day.

Rostering is complete when Magpie confirms that the roster has been successfully verified. In some cases Magpie will need district partners to adjust the sharing rules to ensure only the intended students are getting access to Magpie and are reflected in Magpie dashboards.

Supporting Documents:

1. [AnySchool rostering instructions](#)
2. [ClassLink's Roster Server documentation](#)