



# System Requirements

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# 1. Introduction

*i-Ready* is a comprehensive assessment and instruction program comprising digital components such as an adaptive Grades K–12 Diagnostic and Grades K–8 Personalized Instruction. These digital components are accessed through the *i-Ready Connect™* platform. This document summarizes the requirements for running *i-Ready Connect*, along with the procedures for checking your system requirements. *i-Ready Connect* provides access to *i-Ready Assessment*, *i-Ready Personalized Instruction*, *i-Ready Learning Games*, *i-Ready Classroom Mathematics*, *Magnetic Reading™*, *Magnetic Reading Foundations*, and Teacher Toolbox.

## 2. Current System Requirements

### 2.1 Supported Browsers and Operating Systems

Supported Browsers and Operating Systems for the 2023–2024 School Year

Operating System	Edge®	Safari®	Firefox®	Chrome™
Windows® 10	113 or higher	N/A	111 or higher	113 or higher
Windows 11	113 or higher	N/A	111 or higher	113 or higher
MacOS® 10.15 or higher	**	16.1 or higher	111 or higher	113 or higher
Google Chrome™ OS*	N/A	N/A	N/A	113 or higher


\*The current ChromeOS LTS version is always supported.

\*\*Edge on MacOS has not been fully tested and is not supported for use with *i-Ready* at this time.

For the best user experience, we recommend Google Chrome for Windows, MacOS, and Chrome OS devices. Enabling auto-update is recommended. Please note that some specific versions may be recommended due to updates from Google regarding security. For details regarding user experience with different browser versions, please see our Technical FAQ guide located here: [https://cdn.i-ready.com/instruction/content/system-check/iReady\\_Technical\\_FAQs\\_and\\_Troubleshooting\\_Guide.pdf](https://cdn.i-ready.com/instruction/content/system-check/iReady_Technical_FAQs_and_Troubleshooting_Guide.pdf).

**Note: Android™ devices are not supported for use with *i-Ready*.**

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## 2.2 Firewall/Content Filter Requirements

### 2.2.1 SSL Decryption

The *i-Ready* educational program plays a crucial role in our institution, providing valuable learning resources to our students and educators. To ensure the seamless functioning of this program and prioritize user experience, we strongly recommend against the decryption and inspection of *i-Ready* traffic.

*i-Ready* traffic encompasses various components, including interactive lessons, assessments, and student performance tracking. Our institution recognizes the significance of maintaining the privacy and integrity of this educational data. Decrypting or inspecting *i-Ready* traffic may introduce potential risks, such as performance degradation and the exposure of sensitive information.

Given the nature of *i-Ready* traffic, which includes personally identifiable information, educational progress, and sensitive student data, it is of utmost importance to uphold the privacy and confidentiality of this information. Therefore, we advise against enabling SSL decryption or deep packet inspection for *i-Ready* traffic.

By refraining from decrypting and inspecting *i-Ready* traffic, we can ensure uninterrupted access to the program, minimize performance overhead, and safeguard the privacy rights of our students and educators. Our commitment to providing a secure and optimized educational environment aligns with industry best practices and regulatory requirements.

Please ensure that *i-Ready* traffic remains excluded from SSL decryption and deep packet inspection when configuring network security devices and policies, in accordance with our recommendation.

## 2.2.1 URL Bypass List

Firewalls, content filters, proxy servers, and virus-scanning software can all significantly degrade performance, even in cases where network bandwidth appears sufficient. Because of this, we strongly recommend adding the sites below to a URL Bypass List:

Wildcard Bypass List	Full Domain Bypass List	Full Domain Bypass List, Cont'd.
<ul style="list-style-type: none"> <li>• *.i-ready.com</li> <li>• *.vidyard.com</li> <li>• *.cainc.com</li> <li>• *.curriculumassociates.com</li> <li>• *.i-readyconnect.com</li> <li>• *.readycentral.com</li> <li>• *.learnosity.com</li> <li>• *.cloudfront.net</li> <li>• i-readycentral.com</li> <li>• readyclassroomcentral.com</li> <li>• teacher-toolbox.com</li> </ul>	<ul style="list-style-type: none"> <li>• login.i-ready.com</li> <li>• cdn.i-ready.com</li> <li>• cainc.i-ready.com</li> <li>• content.i-ready.com</li> <li>• connect.i-ready.com</li> <li>• i-readyconnect.com</li> <li>• help.i-ready.com</li> <li>• sso.i-ready.com</li> <li>• oel.i-ready.com</li> <li>• resource-library.i-ready.com</li> <li>• teacher-toolbox.i-ready.com</li> <li>• i-readycentral.com</li> <li>• math.readycentral.com</li> <li>• readyclassroomcentral.com</li> <li>• securemail.cainc.com</li> <li>• sftp.i-ready.com</li> <li>• teacher-toolbox.com</li> <li>• pd.i-ready.com</li> <li>• hec.i-ready.com</li> <li>• ca.vidyard.com</li> <li>• play.vidyard.com</li> <li>• share.vidyard.com</li> <li>• cdn.vidyard.com</li> <li>• embed.vidyard.com</li> <li>• support.curriculumassociates.com</li> </ul>	<ul style="list-style-type: none"> <li>• videos.curriculumassociates.com</li> <li>• items.learnosity.com</li> <li>• items-va.learnosity.com</li> <li>• assess.learnosity.com</li> <li>• assess-va.learnosity.com</li> <li>• questions.learnosity.com</li> <li>• questions-va.learnosity.com</li> <li>• eventbus.learnosity.com</li> <li>• eventbus-va.learnosity.com</li> <li>• events.learnosity.com</li> <li>• reports.learnosity.com</li> <li>• events-va.learnosity.com</li> <li>• reports-va.learnosity.com</li> <li>• assets.learnosity.com</li> <li>• annotations.learnosity.com</li> <li>• annotations-va.learnosity.com</li> <li>• shared.learnosity.com</li> <li>• dw6y82u65ww8h.cloudfront.net</li> <li>• g.i-ready.com</li> <li>• g-api.i-ready.com</li> <li>• g-accounts.i-ready.com</li> <li>• g-statssc.i-ready.com</li> </ul>
<b>Ports to Allow:</b>	443 and 80	

**Note:** Please also make sure [info@about.curriculumassociates.com](mailto:info@about.curriculumassociates.com) is added to your email client as a safe sender to receive information about product updates.



### 3. *i-Ready Connect* Support for the iPad®

*i-Ready Connect* is available to students using supported iPads through the *i-Ready Connect for Students* app.

For the best user experience, we recommend a minimum of iPadOS 16.4 or higher with the latest OS updates to run the *i-Ready Connect for Students* app. Please note that some specific versions may be recommended due to updates from Apple regarding security. While not recommended, students with iPads using iPadOS 15.1 will still be able to use the *i-Ready Connect for Students* app until the end of the 2023–2024 school year. iPadOS 14 will be blocked and no longer be supported.

The iPad app is free and available for download through the Apple App Store®. Note that iPad minis® are not recommended, and the *i-Ready Connect for Students* app is not accessible on other tablets nor on the iPhone®.

For single sign-on (SSO) iPad users (e.g., Clever®, ClassLink™), Google Chrome will not work. Mobile Safari, the Clever app, and the ClassLink app are all supported login methods on iPads.

We fully support all iPad models that meet the following criteria:

- A8X Chipset or greater
- Supports iPadOS 16.4 or greater
- Screen resolution: 2048 x 1536 at 264 pixels per inch (ppi)
- Screen diagonal of 9.7 inches or greater\*

**Note: iPadOS 14 and prior are blocked.**

**We recommend setting the Stage Manager setting to off/disabled (which is the default state set by Apple) for better usability. Stage Manager is Apple’s multitasking feature introduced with iPadOS 16.**

App Store®, iPad®, iPad mini®, and iPhone® are registered trademarks of Apple, Inc. ClassLink™ is a registered trademark of ClassLink, Inc. Clever® is a registered trademark of Clever, Inc. IPADOS is a trademark or registered trademark of Cisco in the US and other countries and is used under license.

## 4. General Requirements

### 4.1 Browser Settings

*i-Ready Connect* requires the following settings for the web browser:

- JavaScript® must be enabled.
- Cookies must be enabled.
- Pop-ups must be allowed for [\\*.i-ready.com](https://www.i-ready.com).

JavaScript® is a registered trademark of Oracle, Inc. and its affiliates.

### 4.2 Minimum Computer Hardware Requirements

Curriculum Associates works toward expanding support for as many devices as possible; the listed hardware specs apply to Windows, MacOS, and Chromebook™ machines. Hybrid tablets or touch screen–enabled device performance may vary and cannot be listed as tested and approved devices. Please contact our Support team for questions regarding hardware support.

	Windows	MacOS	Chromebook
<b>CPU</b>	Intel® Core™ i3 1.7 GHz (base) or better	Intel Core i5 1.7GHz (base) or better	1.6 GHz or faster
<b>Memory</b>	4 GB or higher	4 GB or higher	2 GB or higher
<b>Video RAM</b>	256 MB or higher	256 MB or higher	256 MB or higher
<b>Video Resolution</b>	1024 x 768 or greater	1024 x 768 or greater	1024 x 768 or greater
<b>Sound Card and Headphones/Speakers</b>	Yes	Yes	Yes

Chromebook™ is a distinct brand feature of Google, LLC. Intel, the Intel logo, and Intel Core are trademarks of Intel Corporation or its subsidiaries.



### 4.3 Network Requirements

The minimum amount of bandwidth required to use *i-Ready* is 768Kbps per active user (2Mbps per active user recommended).

Increased bandwidth will provide a better learning experience for students. It allows for smooth transitions, faster downloading of content, and a more engaging experience in *i-Ready* content. However, it is important to know that other variables can greatly influence the way the overall system performs regardless of the amount of bandwidth. These variables may include the number of concurrent users, low-performing devices, security appliances (e.g., content filter and firewall), jitter, and latency.

For home users, available bandwidth, access point saturation, other users in the home streaming content, as well as many other factors, can all affect *i-Ready Connect* performance.

## 5. Checking Your Computers

The following webpage includes a utility that checks your computer's configuration and network health to make sure *i-Ready Connect* will run smoothly:

<http://cdn.i-ready.com/systemcheck>

For additional support:

Email: [i-ReadySupport@cainc.com](mailto:i-ReadySupport@cainc.com)

Phone: (800) 225-0248

Mon.–Fri. 7 a.m.–9 p.m. ET

## 6. Email Communications Requirements

Email sent from Curriculum Associates (the *i-Ready* and *Ready* teams) comes from the following email domains and must be allowed by your school's or district's technology team to reliably receive implementation support and critical system updates communications:

Email Domains	Email IPs
@cainc.com	13.111.68.105
@i-ready.com	
@curriculumassociates.com	
@about.curriculumassociates.com	

Occasionally, email communications sent by Curriculum Associates do not reach our educators. Below are some common issues and resolutions to allow for the reliable receipt of our emails. If you believe you are not receiving email from us, please do the following:

- **Check your spam filter.** Emails from Curriculum Associates may be seen by your email client as promotional material, junk, or clutter. Checking these folders regularly and flagging our emails as coming from an approved sender will ensure educators stay current with our communications and receive the most up to date, best-practice implementation guidance. Look in your spam, junk, or bulk folder for the email. If it is in one of those folders, add the email address to the safe sender list in your email client.
- **Check your Gmail tabs.** If you are on a Gmail-based email system (Google Apps for Business/Education): to ensure you see communications emails from us, you may want to ensure they appear in your "primary" tab by dragging the email from another tab to the "primary" section.
- **Contact your district IT team.** If the email communication is not in your spam, junk, or bulk folder, it is possible that your district's IT team is using a filtering device (firewall/content filter) that is blocking or slowing down the communication. The team will also be able to tell if the district may be blocking one or more of the IP addresses that we use for our communications. If a district blocks any of these IP addresses, educators may not receive the email from Curriculum Associates (including the *i-Ready* and *Ready* teams). Asking the IT team to allow the IP addresses and email domains listed above is the best solution to resolve blocked emails.





## 7. User Provisioning and SSO Requirements

### 7.1 User Provisioning

Curriculum Associates can provision data using multiple methods. The preferred provisioning method is auto provisioning (AP), which can be accomplished in the following ways:

- Districts can send data to Curriculum Associates (APCSV).
- For some SISs, Curriculum Associates can access the district's database and pull the data.
- Clever secure sync
- OneRoster® 1.1 data standard

### 7.2 SSO

SSO can be performed using one of the following methods:

- Clever SSO
  - Clever Badges and Clever Portal are both supported.
- SAML Authentication
  - Examples include: ADFS, ClassLink, Stoneware, and other SSO portals that support SAML 2.0

For additional details regarding user provisioning or SSO, please contact your partner success manager or local Curriculum Associates educational consultant.

OneRoster® is a trademark of the IMS Global Learning Consortium, Inc.



## 8. Miscellaneous Requirements

### 8.1 Smart Punctuation for the iPad

Smart Punctuation is a feature that replaces some punctuation with something more typographically suitable, for example "straight" quotes with “smart” quotes. As a result, students with an apostrophe (') in their usernames may see an error message when logging in to *i-Ready Connect*, even when their usernames and passwords are entered correctly.

This issue is a result of Apple’s implementation of Smart Punctuation and may affect some students using *i-Ready Connect* as well as other educational software accessed through an iPad. To prevent potential login issues, we encourage educators to disable “Smart Punctuation” in iPadOS by following these instructions:

1. Go to Settings.
2. Go to General.
3. Go to Keyboards.
4. Disable Smart Punctuation.

### 8.2 LTI and Thin Common Cartridge

For schools wanting to use Learning Tools Interoperability (LTI)<sup>®</sup> to launch the *i-Ready* dashboard, the learning management system (LMS) must support the following IMS global standards:

- Learning Tools Interoperability (LTI)<sup>®</sup> v1.3

For schools wanting to use *i-Ready Classroom Mathematics* eBooks or other digital assets packaged as Thin Common Cartridges, the LMS must support the following IMS Global standards:

- Thin Common Cartridge (TCC)<sup>®</sup> v1.3
- Learning Tools Interoperability (LTI)<sup>®</sup> v1.0 or 1.1

Thin Common Cartridge (TCC)<sup>®</sup> and Learning Tools Interoperability (LTI)<sup>®</sup> are trademarks of the IMS Global Learning Consortium, Inc. ([www.imsglobal.org](http://www.imsglobal.org)).

### 8.3 Accessibility

We are dedicated to creating products that are fair and accessible to the widest population of students. We have a wide variety of accessibility features and accommodation supports available in *i-Ready*, and our plans include ongoing improvements to accessibility. If you want to learn more about our products’ accessibility features and accommodations for students:

- **Educators:** Contact your partner success manager or local Curriculum Associates educational consultant.
- **Families:** Contact your student’s teacher or school leader.



## 9. Future Hardware Support

### 9.1 Future iPad Support

Apple typically provides approximately four to six years of support to new devices. In keeping with manufacturer support timelines, access to *i-Ready Connect* via older iPads will be blocked in future releases.

### 9.2 Future Chromebook Support

Some older Chromebooks are no longer eligible for auto-updates, including security fixes. While *i-Ready* will only block devices that cannot run our minimum allowed version of Chrome, as noted in the previous section, we recommend schools phase out other devices that can no longer receive security fixes since they may be vulnerable to attacks over time. More information on Google's auto update policy can be found here <https://support.google.com/chrome/a/answer/6220366?hl=en>.