



# System Requirements

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# 1. Introduction

*i-Ready* is a comprehensive assessment and instruction program that is composed of digital components such as an adaptive K–12 Diagnostic and 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 procedures for checking your system requirements. *i-Ready Connect* provides access to *i-Ready Assessment*, *i-Ready Personalized Instruction*, *i-Ready Learning Games*, *Ready Classroom Mathematics*, and Teacher Toolbox.

## 2. Current System Requirements

### 2.1 Supported Browsers and Operating Systems (OS)

OS and browser requirements are listed in the following table:

Operating System	Chromium Edge®	Safari®	Firefox®	Chrome®
Windows® 7 SP1	*	N/A	74 or higher	81 or higher
Windows 10 (1803 or higher)	81 or higher	N/A	74 or higher	81 or higher
MacOS® 10.12	*	**	74 or higher	81 or higher
MacOS 10.13 or higher	*	13.1 or higher	74 or higher	81 or higher
Google Chrome™ OS	N/A	N/A	N/A	81 or higher

\*Chromium Edge on Windows 7 and MacOS are untested and therefore not recommended for use with *i-Ready* at this time.

\*\*Safari 12.1 is the latest version that is allowed on MacOS 10.12. This version can be used for *i-Ready* but it is untested and therefore not recommended.

For the best user experience, Curriculum Associates recommends Google Chrome. Enabling auto-update is strongly recommended. For details regarding user experience with different browser versions, please see our Technical FAQ guide located here: <http://i-readycentral.com/pdfs/i-ready-technical-faqs-troubleshooting-guide/>.

**Note: Android™ devices are blocked at this time. Additionally, *i-Ready* may occasionally block older versions of browsers as newer versions are released. Forced Dark Mode in Chrome is untested and therefore not recommended at this time.**

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## 2.2 Firewall/Content Filter Requirements

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:

	Required to be added to URL Bypass List for access to any <i>i-Ready</i> experiences	Required to be added to the URL Bypass List specifically for access to <i>i-Ready Learning Games</i> and <i>i-Ready Standards Mastery</i>
<b>Wildcard Bypass List:</b>	<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>• i-readycentral.com</li> <li>• teacher-toolbox.com</li> </ul>	<ul style="list-style-type: none"> <li>• *.learnosity.com</li> <li>• *.cloudfront.net</li> <li>• *.i-ready.com</li> </ul>

<b>Full Domain Bypass List:</b>	<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>• i-readycentral.com</li> <li>• securemail.cainc.com</li> <li>• sftp.i-ready.com</li> <li>• teacher-toolbox.com</li> <li>• api.i-ready.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>• embed.vidyard.com</li> <li>• support.curriculumassociates.com</li> </ul>	<ul style="list-style-type: none"> <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>• events-va.learnosity.com</li> <li>• reports.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-log.i-ready.com</li> <li>• g-statsc.i-ready.com</li> </ul>
<b>Ports to Allow</b>	443 and 80	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 in order 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.

Students must use *i-Ready Connect for Students* on iPads compatible with iOS 13 or above, such as the iPad Air 2, iPad Air 3 (2019), iPad 5th Generation (2017), iPad Pro®, or any other device that meets the requirements in the table below. Students with iPads on iOS 12 will still be able to use *i-Ready Connect for Students*, but this is not recommended.

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

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

- A8X Chipset or greater
- Supports iOS 13 or greater
- Screen resolution: 2048 x 1536 at 264 pixels per inch (ppi)
- Screen diagonal of 9.7 inches or greater\*

\*We have not fully certified the 12.9-inch version of the iPad Pro. This iPad runs at a different resolution with different diagonal dimensions.

**Note: iOS 10 and 11 are blocked.**

App Store® and iPhone® are registered trademarks of Apple, Inc. IOS is a trademark or registered trademark of Cisco in the US and other countries and is used under license.

#### 3.1 *i-Ready* Learning Games Support for the iPad

*i-Ready* Learning Games are available to districts for students when *i-Ready Instruction for Mathematics* is purchased. They're now fully available within the *i-Ready Connect for Students* app.

## 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 [connect.i-ready.com](https://connect.i-ready.com) for teacher reports.

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™ 2 Duo 2.0 GHz	1.6 GHz or faster <b>(except dual-core Exynos processors)</b>
<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 distinctive brand feature of Google Inc.

## 4.3 Network Requirements

Curriculum Associates strives to bring students and educators the best content and experience possible. Our move to HTML5 has made the student learning experience more interactive and engaging than ever. As a result of this improved interaction and engagement, the minimum per active user bandwidth requirement is 512Kbps, with a recommended 1.5Mbps per active user. As we continue to improve the richness and interactivity of the student experience every year, we recommend 1.5Mbps or higher per device.

Variables such as the number of users, low-performing devices, security appliances (e.g., content filter and firewall), jitter, latency, and so on can greatly influence the way the overall system performs regardless of the amount of bandwidth. 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 7:00 a.m.–9:00 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 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): in order 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.

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- **Contact your district IT team.** If the email communication is not in your spam, junk, or bulk folder, it is possible that your district 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 Single Sign-On (SSO) Requirements

### 7.1 User Provisioning:

Curriculum Associates (CA) has the ability to provision data using multiple methods. The preferred provisioning method is Auto Provisioning (AP), which can be accomplished in the following ways:

- District can send data to CA (APCSV)
- For some SISs, CA 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 account manager or sales representative.

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



## 8. Miscellaneous Requirements

### 8.1 Smart Punctuation for iOS 11

In iOS 11 and above, Apple has implemented Smart Punctuation, 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 inputted 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 iOS by following these instructions:

1. Go to "Settings"
2. Go to "General"
3. Disable "Smart Punctuation"

## 9. Future Hardware Support

### 9.1 Future iPad Support

Apple typically provides ~4–6 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.

The table below lists the dates when certain iPad models will be blocked from logging in to *i-Ready Connect*.

iPad Model	Apple Support Ended	<i>i-Ready Connect</i> Block Date
iPad 4	18-Sept-2017	July-2020
iPad Air	24-Sept-2019	July-2022

iPad Mini 2 and 3 are not recommended devices because of their screen size.