



Instructional Materials Technology Information

Title: Ready Classroom Mathematics

Content Area: Math

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Copyright: 2020

Instructional Materials Technology Information

Since EdReports released its first reviews five years ago, the materials landscape has changed dramatically, especially in the area of technology. District questions have evolved from ensuring materials could be accessed on older browsers and versions of operating systems to detailed questions about interoperability, compatibility, security, support, and digital design. These questions have become even more important during the pandemic as districts assess what instructional materials may work best in their communities not just in-person, but also remotely and in hybrid settings. Access to high quality instructional materials by all students is more important than ever, and technology plays an essential role in that access. To help provide technology information for materials that meet alignment criteria in Gateways 1 and 2, EdReports has requested publishers answer the following questions to help consumers better understand the digital design and capabilities of their instructional materials.

- Section 1 provides broader questions most frequently asked of EdReports about the design of materials. These questions are meant to provide higher level, summary information.
- Section 2 provides more fine-grained details on aspects of design and functionality.

Considerations When Reading This Document

- EdReports is seeking the most accurate, descriptive information about curricular products. We are not evaluating quality or desirability, but documenting features in materials to empower local schools and districts with information to select materials that will work best for them given their technological capabilities and instructional vision.
- The information in this document comes directly from publishers. EdReports reviewed the information for clarity and consistency, but did not verify its accuracy. Questions you have regarding any of the reported information should be directed to the publisher of the product.
- Look at the information in the “Details” column carefully. Functionality and digital design can vary greatly depending on how a publisher responded. Most publishers provide granular information for each question to illuminate their responses.
- This document is most effective when paired with questions that relate to your local context and reviewed with both content and IT staff. Consider your district’s technological access and capacity amongst students, teachers, and schools.

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Section 1: Usability Snapshot

This section includes questions on digital design and support that allows users quick access to essential information.

*** Note:**
 “**Yes with core product**” below should be used to indicate functionality in the core materials as reviewed by EdReports that are available without LMS integration.
 “**Yes with dependencies**” below refers to functionality in the materials reviewed by EdReports that are present or accessible only through working in a separate LMS, by utilizing other software as a plug-in, linking externally to sites outside the materials, or if functionality is dependent on a supplemental purchase.

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Are the materials designed so that students are able to access and complete work online?		Yes			<p>Students and teachers are able to access materials 24/7 at home or school. The digital e-book (<i>Student Worktext</i>), Digital Math Tools, Interactive Practice, Learning Games, assessments and personalized digital lessons are all accessible to students within their i-Ready dashboard (native materials).</p> <p>No LMS integration is required.</p> <p>Students need a reliable internet connection to access digital materials, and a device.</p> <p>Students need a reliable internet connection to access these materials and a device.</p>

Do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?	Yes				<p>Educator Guidance to implement hybrid and distance learning is provided:</p> <ul style="list-style-type: none"> • https://www.curriculumassociates.com/supporting-students-away-from-school/ready-classroom-mathematics-educator-guidance • https://readyclassroomcentral.com/articles/supporting-distance-learning-with-ready-classroom-mathematics/ <p>The lesson design allows for hybrid learning. Students complete the opening of the lesson (Try It), remotely and can work in class or through online gatherings to discuss strategies used, analyze and critique the reasoning of others, and discuss connections between multiple strategies.</p> <p>Students can use the print Student Worktext, eBook (digital Student Worktext), digital Learning Games, and Interactive Practice to support remote learning.</p> <p>In addition to the print Student Worktext, teachers have access to Lesson Slides and Interactive Tutorial lessons that can be projected for students in class or during remote learning sessions.</p> <p>When used with <i>i-Ready Personalized Instruction</i> (available for additional purchase), remote learning is supported with scaffolded, engaging and interactive digital lessons that allow students to work independently on personalized goals and instructional paths. These lessons can be done in school or at home.</p>
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	Yes				

<p>Is there instruction so students can work independently (or with an adult at home)?</p>	<p>Yes</p>			<p>Instruction is provided through the print write-in <i>Student Worktext</i> or the digital <i>Student Worktext</i>. Students attempt strategies to new problems and then compare these to the strategies provided in the book. This may require an adult for early readers in younger grades, but can usually be done independently in older grades.</p> <p>Practice is provided in print and digital formats. Students can work independently on Additional Practice in the Student Worktext as well as on Learning Games and Interactive Practice, both which provide immediate feedback to support students.</p> <p>Assessments are provided in print and digital formats. The Digital Comprehension Check assessments can be completed online at home independently.</p> <p>When used with <i>i-Ready Personalized Instruction</i> (available for additional purchase), the digital personalized instructional lessons can be done independently, providing students with feedback and requiring limited adult support.</p>
<p>Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?</p>	<p>Yes</p>			<p>The <i>i-Ready Diagnostic</i> assessment generates a Prerequisites Report that automatically groups students based on how well they know the prerequisite skills needed for the upcoming lessons and provides links to instructional resources for each group. These reports guide teachers to print and digital resources they can use with students including Interactive Tutorials, Interactive Practice, and Digital Learning Games, which all provide feedback to students as they work. PDF resources found on the Teacher Toolbox support reteaching (Tools for Instruction), Center Activities, Enrichment, games, and practice.</p>

					When used with <i>i-Ready Personalized Instruction</i> (available for additional purchase), the digital lessons are automatically assigned to students and automatically differentiate instruction based on students' needs, as identified by the Diagnostic. Teachers can elect to assign specific lessons to students' path, as well. All of these lessons provide feedback to students as they work.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	Yes				Resources are located in: <ul style="list-style-type: none"> ● Teacher's Guide: <ul style="list-style-type: none"> ○ Professional Learning ○ Lesson-based guidance and support ● Teacher Digital Experience (<i>Teacher Toolbox</i>) <ul style="list-style-type: none"> ○ Unit Flow and Progression Videos ○ Program Overview support ○ Classroom videos ● ReadyClassroomcentral.com <ul style="list-style-type: none"> ○ Online Professional Development ○ Classroom Videos ○ Professional Learning
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?	Yes				<ul style="list-style-type: none"> ● For every Lesson, Family Letters are available in English, Spanish, Tagalog, and Russian help caregivers understand the mathematics content and models within each lesson. Arabic, Vietnamese, Korean and Mandarin will be available in Fall 2021. ● Unit Flow and Progression Videos are available to parents and guardians in English with Spanish subtitles. These help parents more fully understand the models and strategies used in a unit and how these fit into the overall course of study. ● Examples are embedded in Additional Practice pages in the <i>Student Worktext</i> to provide support for at-home practice (English/Spanish).

<p>Are all of the following audiences provided access to the product as part of the core purchase?</p> <ul style="list-style-type: none"> • parents/guardians • Educators (Teachers, Administrators, etc.) • Students 	<p>Yes</p>				<p>If yes,</p> <ul style="list-style-type: none"> • Is activity within the system tracked and who can see this data? • What can be viewed? Student work? Grades? Unit/lesson/assignments/readings? <p>Students, parents and guardians have access to:</p> <ul style="list-style-type: none"> • print <i>Student Worktext</i> • <i>Student Digital Experience</i>, a dashboard with the digital <i>Student Worktext</i>, digital manipulatives, and digital assignments including Interactive Practice and Learning Games. • Student progress • Family Letters and Unit Flow and Progression videos. • Students' Personalized Learning path (generated by the student's Diagnostic results) and reports on students' progress (when used with <i>i-Ready Personalized Instruction</i>, available for additional purchase). <p>Educators have access to:</p> <ul style="list-style-type: none"> • <i>i-Ready Dashboard</i>, which includes instructional resources on the Teacher Toolbox and student and class reports on the Diagnostic, Interactive Practice, Comprehension Checks, and Interactive Learning Games. • Prerequisites Reports with recommended student groupings and resources. • Student and class reports on the with <i>i-Ready Personalized Instruction</i> (available for additional purchase).
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Are the materials designed to integrate with a Learning Management System (LMS)?	Yes				<p>If yes,</p> <ul style="list-style-type: none"> • Are the full materials accessible outside of an LMS? Yes • Can they be modified once they are imported or are they static? No <p>Links to each unit of the <i>Student Worktext</i> can be imported into an LMS, but our supporting instructional content and learning experiences are dynamic and each student's path is determined by their performance. While our Terms of Use do allow educators to post student-facing materials on a password-protected learning management system (LMS), posting of teacher-facing materials (<i>Teacher's Guides, answer keys, etc.</i>) is prohibited. Refer to our <i>Teacher Toolbox Terms of Use</i>.</p> <p>In order to achieve precision and personalized pacing, the <i>I-Ready Personalized Instructional experience Instruction</i> (available for additional purchase) is dependent on being experienced within <i>I-Ready</i>.</p>
Does all content conform to the National Instructional Materials Accessibility Standard?	Yes				
Is there technical support during day-to-day use?	Yes				<p>Is it primarily the responsibility of the client or the publisher? Mon–Fri 7:00 a.m.–9:00 p.m. ET Phone: 800-225-0248 Email: i-ReadySupport@cainc.com (Note: An email to us will automatically generate a support case for our technical support team.)</p> <p>24/7 self-guided support: http://readyclassroomcentral.com/</p>

Section 2: Technology Checklist

The following checklists are designed to give more detailed information about digital design and technical capabilities in key areas of instructional materials to support state and local decision making. This list reflects details commonly requested by those making purchasing decisions at the state or local level.

Design

Design questions address whether the materials are designed to be used digitally in an in-person environment, remote learning environment, or both. Digital design can vary, often ranging from the ability to access files that are identical to print materials online to doing tasks and assessments as part of the program. The ability to take advantage of design functionality may depend on answers to questions in other sections of the checklist such as internet capabilities, number and type of devices, etc.

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Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
<p>Are the materials designed to be used with both digital and print components?</p> <p>Are there print options available for student-facing materials that could be utilized in a blended digital approach?</p> <p>Is the print content identical, similar, or comparable to the digital?</p>	Yes				<p>If yes,</p> <ul style="list-style-type: none"> • What are the print options? <input checked="" type="checkbox"/> Purchase hard-copy books/ workbooks <input type="checkbox"/> Photo copies available for purchase <input checked="" type="checkbox"/> Users can print at home • Print <i>Student Worktexts</i> and the <i>Student Digital Experience</i> are utilized for a blended approach. Teacher's also have print <i>Teacher's Guides</i> and a <i>Teacher Digital Experience</i>.

					<ul style="list-style-type: none"> • Print lesson content (<i>Student Worktext</i>) is identical to digital eBook content (digital <i>Student Worktext</i>). • Digital Assessments (Comprehension Checks) are comparable to print Lesson Quiz and Unit Assessments. • Teachers have access to additional digital and printable content to use with students as needed. <ul style="list-style-type: none"> ○ Printable: Lesson pages, Math Center Activities, Unit Games, Fluency and Skills Practice, Assessment Practice, Grade level games ○ Digital: Learning games, Interactive Practice
Is the digital design of the materials intended to replicate a textbook experience?	Yes				<p>The print <i>Student Worktext</i> is available as an identical digital version (eBook) with embedded digital math tools, instruction (lessons), Family Letters, Practice, etc. Students may use blank paper and a pencil to replicate the write-in experience with the digital version to further replicate a textbook experience.</p> <p>Assessments may be assigned and graded digitally. Printable Lesson Quizzes, Unit Assessments, and Fluency and Skills Practice are provided as an editable word document and as a PDF.</p> <p>All print materials are also available as PDFs that can be posted on an LMS: <i>Student Worktext</i> pages, <i>Teacher's Guide</i> pages, Glossaries, Family Letters, Activity Sheets, Discourse Cards, Math Center Activities, Enrichment Activities, etc.</p>

<p>Are digital teacher guides available for the materials?</p>	<p>Yes</p>				<p>If yes,</p> <ul style="list-style-type: none"> • How do teachers access digital teacher guides? Teachers access digital <i>Teacher's Guides</i> through the <i>Teacher Digital Experience</i>. • Are guides available to parents/guardians at home? <i>Teacher's Guides</i> are not available to parents at home, but parents have access to the Unit Flow and Progression Videos and Family Letters to help them understand the mathematics of each unit and lesson. • Do teacher planning materials connect to student-facing lessons? Teacher planning materials have a direct correlation to student-facing lessons and materials. • Are there any additional costs for these resources? Teacher materials and parent support materials are included.
<p>Do the materials contain videos/animations/simulations for student learning?</p>	<p>Yes</p>				<p>If yes,</p> <ul style="list-style-type: none"> • Specify frequency (every lesson, some lessons, only teacher support, both teacher and student). <p>The majority of lessons contain Interactive Tutorials either in support of on-grade level content or prerequisite content.</p> <p>Interactive Practice is provided for many lessons, with additional lessons being added in the 2020-2021 school year.</p> <p>Digital Learning Games can be accessed by students at any time to build number sense and computational fluency.</p>

					<p>Digital Math Tools can be accessed any time by students and teachers to support concept exploration through dynamic models and representations.</p> <ul style="list-style-type: none"> Are these native to the materials or accessed by links that lead to other sources not maintained by the publisher? These resources are native and maintained by Curriculum Associates. <p>When used with <i>i-Ready Personalized Instruction</i> (available for additional purchase):</p> <ul style="list-style-type: none"> Students are provided a Personalized Learning path based on results from the Diagnostic. These lessons vary as to content and quantity as they are assigned based on individual student needs.
Is any or all online content dependent on links that are not maintained by the publisher?			No		
Do the materials include opportunities for online collaboration among students?			No		
Do the materials include built in features for student-to-teacher interaction?			No		
Is a 1:1 device ratio required?			No		<p>If no,</p> <ul style="list-style-type: none"> Include recommended device ratio. <p>A 1:1 device ratio is not required. There are times when students can take digital assessments, therefore a computer lab would be appropriate.</p> <p>During distance/at-home learning times a device is recommended and would enable students to be better served.</p>

<p>Are the assessments contained within the materials able to be securely completed by students online?</p>	<p>Yes</p>				<p>If yes,</p> <ul style="list-style-type: none"> • Is this true of all assessments? • Are assessments editable by teachers? <p>Digital Comprehension Checks provide an alternative to print-based Lesson Quizzes, Mid-Unit and Unit Assessments using a variety of questions and item types, including multiple select, yes/no, true/false, multiple choice, and more. These premade assessments are comparable to the premade print assessments and educators can customize Comprehension Checks by adding or removing items.</p> <p>Additional print Lesson Quizzes and Unit Assessments are provided on the Teacher Toolbox in editable word and PDF formats.</p>
<p>Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?</p>	<p>Yes</p>				<p>If yes,</p> <ul style="list-style-type: none"> • How is this gathered and reported? • Who has access to this data? <p>Curriculum Associate's servers log user logins, logouts, and session durations. Curriculum Associate's engineers and administrators have access to this data and can provide reports at the district's request.</p> <p>General information regarding student progress on lesson and diagnostic content can be accessed by teachers and district/school admins through their <i>i-Ready</i> dashboard.</p>

<p>Are there online professional learning supports to help teachers utilize the materials?</p>	<p>Yes</p>			<p>Ready Classroom Mathematics and i-Ready provide access to user-support websites, ReadyClassroomCentral.com, and i-ReadyCentral.com. Teachers have access to multiple Professional Learning opportunities, such as: classroom videos, professional development resources, digital learning videos, professional articles, etc. Educators can watch videos and webinars and download resources from any device or browser. ReadyClassroomCentral.com and i-Ready.com are available 24/7 at no additional cost.</p> <p>The recently released Educator Prep Series is a complement (not replacement) to our proven in-person professional development model. Digital Learning Extensions are also available and are currently offered at no additional cost.</p>
<p>Are there parent/guardian resources available for school systems to utilize:</p> <ul style="list-style-type: none"> • For when there is in-person instruction? • For when there is hybrid instruction? • For creating continued learning plans for distance learning schedules? 	<p>Yes</p>			<p>Curriculum Associates is dedicated to supporting families using <i>Ready Classroom Mathematics</i> at school and/or at-home learning. Please review the ReadyClassroomCentral.com Distance Learning Page.</p> <p>Specific support for families during distance learning can be found here: https://www.curriculumassociates.com/supporting-students-away-from-school/ready-classroom-mathematics-family-guidance</p> <p>For resources to help educators communicate to families about distance learning plans visit: https://www.curriculumassociates.com/supporting-students-away-from-school/ready-classroom-mathematics-educator-guidance. Resources available include:</p>

						<ul style="list-style-type: none"> • Email templates to families • Lesson Templates • Schedules • Strategies for digital or print only distance learning <p>For in-person, hybrid or distance learning:</p> <ul style="list-style-type: none"> • For every Lesson, Family Letters are available in English, Spanish, Tagalog, and Russian help caregivers understand the mathematics content and models within each lesson. • Unit Flow and Progression Videos are available to parents and guardians in English with Spanish subtitles. These help parents understand the models and strategies used in a unit and how these fit into the overall course of study. • Students, parents and guardians have access to student materials (including digital <i>Student Worktext</i>). • Parents and guardians also have access to student's progress.
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Learning Management Systems	Blackboard	Canvas	Eduphoria	Google Classroom	ItsLearning	Moodle	Schoology	Other: Please list below
Are the materials configured to work with one or more learning management systems? Check all that apply.	X	X	X	X	X	X	X	

I-Ready supports standard single-sign-on protocols that are supported by most LMSs (including those above). Content and links to content can be made available in the LMS as long as they are in line with the terms of use.

System Access

System access questions address how users access the digital materials and what kind of logins/passwords are accepted/supported/required.

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Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Is single sign-on supported?	Yes				Clever, SAML Authentication (ADFS, ClassLink, Stoneware, etc.)
Can the platform manage staff assigned to multiple schools with a single sign-on?	Yes				Teachers who are assigned to multiple schools can utilize the same credentials to access i-Ready, whether via direct login or single sign-on.
Can co-teachers be assigned to multiple classes?	Yes				Co-teachers can be assigned to multiple classes and managed in the Student Information System. I-Ready does not limit the number of co-teachers associated to a section. There are limitations with integrations via third party vendors, for example our integration with Clever only supports 4 teachers assigned to a section.
Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?	Yes				Student data and progress in <i>i-Ready</i> will remain with the student as the student moves between teachers or schools within the same district.

Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	Yes				District Administrators and School Administrators can be associated with accounts as part of the standard contract.
Can passwords be reset without assistance from trained IT staff?	Yes				Staff passwords can be reset via automated e-mail. Students' passwords can be reset by teachers or staff managing students.
When working offline, does the product automatically sync when a connection is re-established?			No		<p>Educators can download materials from the Teacher Toolbox to access when they are offline, but they may not navigate within the Toolbox while they are offline.</p> <p>Students cannot access their i-Ready Student Dashboard if they are offline.</p> <p>When <i>Ready Mathematics</i> is used with <i>i-Ready Personalized Instruction</i>, (available for additional purchase), <i>i-Ready Personalized Instruction</i> is not available offline. However, progress is saved upon exiting or if the connection is lost.</p>

Technical Support

Technical Support questions are designed to help users understand what assistance to expect. These details are important to consider alongside local capacity for devices, networks, and use. Considering what level of independence users will have alongside these criteria can help schools and districts reflect on their needs for support.

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Technical Support	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Is technical support provided to districts during initial set-up and deployment?	Yes				Technical support is provided during implementation, provisioning, access, guidance, and troubleshooting.
Is technical support provided during the duration of the contract?	Yes				<ul style="list-style-type: none"> • Tier I-III Support is available via phone and e-mail for district staff and parents. • IT Support Desk hours are 7AM-9PM EST, Mon-Fri. Cases can be auto-generated 24x7 via e-mail. • An online troubleshooting guide, system check, and troubleshooting videos are available at i-readycentral.com.
If utilizing a free or trial version, is technical support provided?	Yes				
Are there self-service supports for troubleshooting?	Yes				An online troubleshooting guide, system check, and troubleshooting videos are available at i-readycentral.com .

Does technical support include planning for emergency access and district support?	Yes				
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Compatibility

Compatibility questions address technical compatibility specifications. It is designed to help users understand how the materials will look and operate on various devices. These details are important to consider alongside local capacity for devices, networks, and use. Understanding what devices function best can help determine users' needs for district device or technical support.

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Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Does the product have a native mobile application?	Yes				
Is the product browser-based?	Yes				
Does the product use responsive design for rendering on smartphones?			No		
Does the product use responsive design for rendering on tablet devices?	Yes				
Does the product use responsive design for rendering on laptop devices?	Yes				
Does the product use responsive design for rendering on desktop devices?	Yes				
Are all users (students/teachers/staff/admin/parents) permitted to use the product on more than one device (e.g. computer at school and a laptop at home or a smartphone and a laptop)?	Yes				No additional software downloads or licenses are necessary

Device Type	Mark box if device is compatible	Oldest operating system/version supported	Newest operating system/version supported	Details Indicate if the materials are designed for a specific device type or if they are generally compatible.
Windows	X	Win 7 / SP1	Win 10 / Current	
Linux				
Windows Tablet	X	Win 7 / SP1	Win 10 / Current	
Apple Laptop/Desktop	X	OS X 10.12	OS X / Current	
iPhone				
iPad	X	IOS / 11	iOS / Current	
Android Phone				
Android Tablet				
Chromebook/Chrome OS	X	Chrome OS / 81	Chrome OS / Current	
Amazon Fire OS				
Other E-Reader				
Interactive Whiteboard	X	Via Browser	Via Browser	

Browser		Operating System						
		Apple		Windows		Linux	Chrome OS	N/A
Check if browser is compatible	Oldest version supported	Newest version supported	Oldest version supported	Newest version supported				
Chrome	X	74	Current	74	Current		74+	
Firefox	X	66	Current	66	Current			

Safari	X	12.1	Current	N/A	N/A			
Edge (formerly Internet Explorer)	X	17	Current	N/A	N/A			
Internet Explorer								
Other:____								
Additional Notes:								

Accessibility

Curricula with digital capabilities integrate accessible supports in a variety of ways. Accessibility questions pertain specifically to diverse learners who may need specific supports to be able to successfully interact with materials.

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Screen Readers		X			<p><i>i-Ready Diagnostic</i>, Student Bookshelf with eBook and Digital Comprehension Checks (with documented exceptions) have been developed and tested with the following 3rd Party Screen Readers: JAWS, NVDA, and VoiceOver</p> <p>We are currently working on improvements to the Screen Reader support for the Digital Comprehension Checks. This work is targeted for completion in Fall 2020. At this time, <i>i-Ready Personalized Learning</i> (available for additional purchase) Interactive Practice, Learning Games, Digital Math Tools and Teacher Toolbox have not been developed for use with 3rd Party Screen Readers.</p>
Screen Magnification Software	X				<p>The Student Bookshelf with eBook includes a built-in text resize feature that allows zoom to 300%. For all other content, we suggest using built-in operating system screen magnifiers, though these have not been tested extensively across all browser/platform combinations.</p>

Text Readers	X				<ul style="list-style-type: none"> • We have audio support directly embedded in many <i>i-Ready Diagnostic</i> items and most <i>i-Ready Personalized Learning</i> (available for additional purchase) and Interactive Practice items that allows for text on screen to be read aloud (with documented exceptions). • The Student Bookshelf with eBook includes built-in text-to-speech functionality. • We are in the process of exploring use of third-party text-to-speech tools but do not have an anticipated release date for this additional functionality.
Adjustable Print Size	X				<ul style="list-style-type: none"> • Student Bookshelf with eBook (with documented exceptions) includes built-in text resize feature that allows zoom to 300%. • <i>i-Ready Diagnostic</i>, <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Comprehension Checks, Digital Math Tools, Teacher Toolbox and Learning Games do not offer the ability to adjust print size within the product. We suggest using built-in operating system screen magnifiers to enlarge text as needed, though these have not been tested extensively across all browser/platform combinations.

Speech Input Software			X		Curriculum Associates has not extensively tested the use of any built-in operating system or third-party speech input software with the Student Bookshelf with eBook, <i>i-Ready Diagnostic</i> , <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Comprehension Checks, Digital Math Tools, Teacher Toolbox and Learning Games, and we cannot make any claims to the validity or usability at this time.
Header Point Devices			X		Curriculum Associates has not tested the validity and usability of header point devices with Student Bookshelf with eBook, <i>i-Ready Diagnostic</i> , <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Comprehension Checks, Digital Math Tools, Teacher Toolbox and Learning Games.
Motion/Eye Tracking Devices			X		Curriculum Associates has not tested the validity and usability of motion/eye tracking devices with Student Bookshelf with eBook, <i>i-Ready Diagnostic</i> , <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Comprehension Checks, Digital Math Tools, Teacher Toolbox and Learning Games.
Single Switch Entry Devices			X		Curriculum Associates has not tested the validity and usability of single switch entry devices with Student Bookshelf with eBook, <i>i-Ready Diagnostic</i> , <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Comprehension Checks, Digital Math Tools, Teacher Toolbox and Learning Games

Braille Readers/ Display Devices				X	<p>Curriculum Associates has not tested the validity and usability of refreshable Braille displays used with the <i>i-Ready Diagnostic</i>, Student Bookshelf with eBook or Digital Comprehension Checks ; however, these three components have been tested with JAWS, VoiceOver, and NVDA using speech. Each of these screen readers can also be used with some refreshable Braille displays.</p> <p>At this time, <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Digital Math Tools, Teacher Toolbox and Learning Games do not work with Braille Readers/ Display Devices.</p>
Closed Captioning	X				<p>Introductory videos in the <i>i-Ready Diagnostic</i> (with documented exceptions) and Unit Flow and Progression Videos available for families and caregivers are available on the Student Bookshelf with eBook and can be viewed with closed captioning.</p> <ul style="list-style-type: none"> • Closed captioning the Interactive Practice, interactive tutorials from the Teacher Toolbox and for <i>i-Ready Personalized Learning</i> (available for additional purchase), are currently in development (with documented exceptions), and we are targeting a release date as early as December 2020. • There is no audio (and hence no closed captioning) for the Digital Comprehension Checks, Digital Math Tools, and Learning Games.

Alternative Input Devices		X			<ul style="list-style-type: none"> • The <i>i-Ready Diagnostic</i> has keyboard access implemented across grades and items (with documented exceptions). • The Interactive Practice and <i>i-Ready Personalized Learning</i> (available for additional purchase) also have keyboard access implemented across the majority of 3-5 Math lessons. The work done to implement keyboard access should support the usability of additional alternative input devices. Support for additional lessons will be added on an ongoing basis. <p>Keyboard access has also been implemented on the Student Bookshelf with eBook and the Digital Comprehension Checks (with documented exceptions).</p> <p>At this time, the Teacher Toolbox, Digital Math Tools and Learning Games do not allow for alternative input devices.</p>
High Color Contrast Display Options		X			<ul style="list-style-type: none"> • Curriculum Associates does not offer options to adjust contrast within the <i>i-Ready Diagnostic</i>, Digital Comprehension Checks, Student Bookshelf with eBook and Digital Math Tools, but we do adhere to the WCAG 2.0 AA criteria for minimum contrast. Users can also use built-in operating system contrast controls as needed, though these have not been tested extensively across all browser/platform combinations.

					<ul style="list-style-type: none"> • <i>i-Ready Personalized Learning</i> (available for additional purchase), Interactive Practice, Learning Games and Teacher Toolbox meet the WCAG 2.0 AA criteria for minimum contrast in many places, and future development will follow the WCAG AA criteria for minimum contrast. Users can also use built-in operating system contrast controls as needed, though these have not been tested extensively across all browser/platform combinations.
Translation of Text to Other Languages	X				<ul style="list-style-type: none"> • For back-to-school 2020, the Student Bookshelf with e-Book will have Spanish eBooks available for Grades K-5. These resources are also available in print. • Teacher Toolbox: All student-facing and teacher-facing instruction, practice, and assessment materials are available in Spanish on the Teacher Toolbox • Most Learning Games are available in Spanish. • The Digital Comprehension Checks are available in Spanish. • The <i>i-Ready Math Diagnostic</i> is available in Spanish. • Some <i>i-Ready Personalized Learning</i> K-2 Math lessons (available for additional purchase) are available in Spanish. Academic vocabulary and key terms are often available with Spanish translation.

Bilingual Dictionaries available for students	X				<ul style="list-style-type: none"> • The <i>Student Instruction Book</i> includes a bilingual English-Spanish glossary in the back of the book. • The Student Bookshelf with eBook includes a multilingual glossary for K-5, which includes Arabic, Chinese (Mandarin, Simplified), French, Haitian Creole, Portuguese (Brazilian), Russian, Spanish, Tagalog, Urdu and Vietnamese. • As noted above, academic vocabulary and key terms in <i>i-Ready Personalized Learning</i> lessons (available for additional purchase) are often available with Spanish translation. <p>Additional languages are being considered for future updates to the multi-language glossary.</p>
Are there required accessories (headsets, speakers)?			X		There are no accessories explicitly required to use any of our products (when audio is included in content, built-in device speakers are sufficient)
Multiple Playback of audio/video	X				Any audio with an audio button can be replayed as many times as the user needs In the <i>i-Ready Diagnostic, Digital Comprehension Checks, Student Bookshelf with eBook, Learning Games, Interactive Practice, Interactive Tutorials</i> available on the Teacher Toolbox, and the <i>i-Ready Personalized Learning</i> (available for additional purchase. (Please note that some audio does auto-play and does not have an audio button associated with it for replay). Most videos can be replayed or paused as needed in <i>i-Ready Personalized Learning</i> lessons, Interactive Practice lessons and the interactive tutorials in the Teacher Toolbox.
Can students adjust the speed of audio/video playback?			X		We do not include controls to adjust the speed of audio/video playback in any of our products.

Are these accessibility supports able to be turned on/off?	X				<ul style="list-style-type: none"> ● Student Bookshelf with eBook: Students have control over turning on/off embedded supports including text-to-speech, zooming, bookmarking, calculators, and displaying 1 or 2 page layouts. Educators control assignments of Spanish translations of eBooks. ● <i>i-Ready Diagnostic</i>: Closed captioning can be controlled by the student in the video window. ● Closed Captioning is controlled by the student in the video window for <i>i-Ready Personalized Learning</i> (available for additional purchase) and Interactive Practice. ● Additionally, some supports (e.g., screen reader support) are only available when used with the appropriate third-party tool (e.g., JAWS, NVDA, VoiceOver)
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<p>Does all browser-based technology satisfy the Web Content Accessibility Guidelines or VPAT?</p>	<p>X</p>				<ul style="list-style-type: none"> • <i>i-Ready Diagnostic</i> and the Student Bookshelf with eBook meet the WCAG 2.0 AA criteria with documented exceptions. VPAT and documentation outlining these exceptions is available upon request. • The Digital Comprehension Checks meet many of the WCAG 2.0 AA criteria with documented exceptions at this time. VPAT and documentation outlining these exceptions is available upon request. • Interactive Practice, Learning Games, Digital Math Tools, and <i>i-Ready Personalized Learning</i> (available for additional purchase) meet only a subset of the WCAG 2.0 AA criteria with documented exceptions at this time. VPAT and additional documentation outlining coverage and exceptions is available upon request. • At this time, we do not have a VPAT available for the Teacher Toolbox .
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Additional Technology Specifications

Data Security and Privacy

Data Security and Privacy questions address how student data storage, disposal, and adherence to privacy laws are addressed. If applicable, privacy reports and/or certificates can be found next to the respective indicator.

Questions	Check Only One			Details
	Yes	No	Under Development	
Data Security: Are data elements encrypted at rest, i.e. in a database or file system?	Yes			Database and Server Storage is encrypted with AES-256
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?		No		
Data Security: Does the end-user licensing agreement allow customers to scrape data from the product?		No		
Privacy: Is personally-identifying student data provided to, generated by, or stored in any systems used by the product?	Yes			<p>Curriculum Associates does not collect any personally identifiable information directly from students, other than data related to usage of our adaptive assessment and learning products that are used as part of a school-directed educational program. However, schools and districts must provide us with certain information to enable us to properly roster students and provide reporting capabilities to educators.</p> <p>Curriculum Associates only uses student-identifiable data provided by schools and/or school districts to make <i>i-Ready</i> available to that particular student,</p>

				and to provide related reports and services to that student's school/district teachers and administrators. For additional information on how student data is used, please refer to our privacy policy referenced below.
Privacy: Does the product/vendor make their student privacy policy publicly available?	Yes			https://cdn.i-ready.com/instruction/content/system-check/iReady_Privacy_Policy.pdf
Privacy: Does the product conform with FERPA regulations (e.g., allows districts to maintain direct control of the student record, implements permissions to prevent unnecessary disclosures, etc.)?	Yes			
Privacy: Has a third-party evaluated the product for FERPA compliance?	Yes			A third-party (Wolf and Company, P.C.) conducts annual SOC II audits per our Security Policies and Procedures.
Privacy: Does the product allow registration or data collection from children under the age of 13?		No		

Installation

Feature/Requirement/Specification	Check Only One			Details
	Yes	No	Under Development	
Is the product downloaded to individual devices: one-time internet connection required?		No		
Is the product installed on individual computers (from CD-ROM/DVD, flash drive, etc.): no internet connection required?		No		
Is the product installed on LAN/WAN (school or district server): no internet connection required for teachers/students after installation?		No		
Required server configuration. Do network admins need to ensure a specific set of domains are white listed to allow the internet traffic to those endpoints?	Yes			Whitelist requirements can be accessed at: https://cdn.i-ready.com/instruction/content/system-check/iReady_System_Requirements.pdf
Does the product support deployment through Mobile Device Management (MDM) systems?	Yes			The "i-Ready for Students" App can be deployed via MDM.
Does the product provide a detailed schedule of updates that minimizes access interruption?	Yes			
Does the login authentication use district protocols to establish unique and memorable usernames and passwords?	Yes			Many direct sign-in and single sign-on options are available for authentication to align with district protocols.
Is there an option for concurrent user licensing?		No		

Standards Compliance/Certification	Check all that apply	Details
SIF		
CEDS		
EDUPUB		
Ed-Fi (SIS/ODS)		
Ed-Fi (Assessments)	X	We can provide a list of districts we support with this solution.
MS Global (Competencies and Academic Standards Exchange)		
IMS Global (Comprehensive Learner Record)		
IMS Global (Open Badges)		
IMS Global (One Roster)	X	We can provide a list of districts we support with this solution.
IMS Global (Caliper Analytics)		
IMS Global (Question and Test Interoperability (QTI))		
IMS Global (Learning Tools Interoperability (LTI))	X	
IMS Global (LTI Advantage)		
IMS Global (Common Cartridge)	X	
IMS Global (Lite Common Cartridge)		
IMS Global (Open Video)		
Other:		

Implementation and Scalability	Yes/No or Value
What is the average page load time?	2.73 seconds (per our analytics, but highly dependent on district connectivity)
What is the required bandwidth per user?	512 kbps
Are results of stress tests provided to customers?	
Is a disaster recovery plan for data provided to customers?	Yes, upon request.
Are customers provided with a standardized implementation plan to ensure a successful rollout?	Yes
Does the service level agreement include uptime guarantees of at least 95% excluding planned maintenance/down-times?	Yes, depending on contract.
Does the product require a VPN for off site access?	No