

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 is requesting 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.

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.

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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. Please do not exceed a 150-word limit per question. You may use or remove prompt text in providing additional details. Words in the detail prompt text will not count toward the word limit.

*** Note:**

“**Yes with core product**” below should be used to indicate functionality in the materials purchased that are available without LMS integration.

“**Yes with dependencies**” below refers to functionality present or accessible only through working in a separate LMS, by utilizing other software as a plug-in, or linking externally to sites outside the materials.

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?	X				<ul style="list-style-type: none"> Note if this is within the native materials system or if it requires LMS integration or other integrated software. <p><i>Everyday Mathematics</i> has been designed to enable students to access and complete assignments online within the native materials system. Students access assignments with an individual username and password.</p> <ul style="list-style-type: none"> Does online work require a 1:1 device ratio? Individual student device access is not required. Does each student need a continuous reliable internet connection to use all materials features? Internet connection is needed to access online materials. <p>The Student Math Journal is available in both print and digital formats. The print Math Journal is a write-in consumable that provides students with space to engage with content in a meaningful way as they show their work, explain their reasoning, and record notes and observations.</p> <p>On McGraw Hill's online platform, students can browse through the student eBook and access resources at point-of-use.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
In what ways do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?	X				<p><i>Everyday Mathematics</i> has been designed for a hybrid or a fully digital environment with an aligned print and digital experience through the Student Center. The Student Center includes pre-built interactive lesson. Supporting lesson resources – Tutorial Videos, Geometer’s Sketchpad activities, Games, eToolkit, eBooks, and Assessments can be accessed through the Student Center.</p> <p>All instructional content can be projected or can be accessed via desktop, laptop, or tablet.</p>
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	X				<p>All practice exercises are available as downloadable printables through the Teacher Center and can be used for both in-class and at-home learning.</p>
Is there instruction so students can work independently (or with an adult at home)?	X				<p><i>Everyday Math</i> is designed for students to navigate the full lesson using the Interactive Student Center. Each lesson includes</p> <ul style="list-style-type: none"> digital interactive instructional resources, including Geometer’s Sketchpad Activities, eTools, videos, and games; digital assessments for each unit. <p>Students have access to a lesson dashboard that provides links to all resources for the lesson including resources for families to support their child’s learning.</p> <p>Students can easily access their Student Edition eBooks or simply review the Print Student Edition eBook.</p>
Does the technology facilitate a teacher’s ability to differentiate lessons, tasks, or other content for students?	X				<p><i>Everyday Mathematics</i> includes many digital resources that teachers can use to differentiate instruction to meet the needs of all learners. These resources include games, suggestions for adjusting activities, extra examples, and review or enrichment activities, all of which can be used with individuals, groups of students, or the entire class.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
					ALEKS is offered for grades 3-6 and is another digital resource that teachers can assign to provide differentiated support for students. It offers review of key topics and practice with immediate and responsive feedback.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	X				<p><i>Everyday Mathematics</i> provides teachers with numerous opportunities to familiarize themselves with the content of the unit and lesson.</p> <p>In the Teacher Edition, each lesson includes the following items: content standards coverage/alignment, and Mathematical Practices coverage/alignment. Each unit also provides teachers describes connections within the domain and/or course, and from domain to domain or course to course. Provided here as well is pertinent information regarding what students should already know, what they will understand and be able to do, and where these skills are leading. Teachers are further supported through teaching notes, scaffolded question prompts with sample student responses, Common Misconception notices and guidance, activities and support for differentiation, and activities related to Formative Assessment opportunities.</p> <p>The digital Teacher and Student Centers include videos and support for demonstrating the Mathematical Practices.</p> <p>The interactive online spiral tracker allows teachers to see the trajectory of each standard in the grade to give them visibility into the unique spiraling structure of the program.</p> <p>Professional Learning videos are available within the Course support menu including platform support, “why” behind the math, productive struggle, positive mindset, and formative assessment.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?	X				<p>Through the student portal, parents can access resources to support their children's learning outside the classroom. English and Spanish parent support is available through Family letters which are included in every lesson. Access to the Student Center also provides parents access to lesson supports and Tutorial videos. These videos all have closed captioning in both English and Spanish.</p> <p><i>Everyday Mathematics</i> also includes student and teacher resources to support students who are simultaneously learning grade-level math and building their English and math language proficiency.</p> <p>Our Spanish courses let ELL students take ownership of their learning through a full array of Spanish resources.</p>
Are all the following audiences provided access to the product as part of the core purchase? <ul style="list-style-type: none"> ● parents/guardians ● Educators (Teachers, Administrators, etc.) ● Students 	X				<p>Teachers, administrators, and students have access to the product as the core purchase. Parents have access to the product through the student.</p> <p>Educators have visibility to student activity through the teacher center which allows them to view student work. Digitally assigned assessment items are auto-scored, where applicable, and individual student scoresheets are recorded. When set up, the Data Dashboard provides a variety of reports that provide insight into student progress and performance.</p> <p>Students, and subsequently parents who access the Student Center, have access to all of their lesson assets including Games that the students can utilize at home to practice the skills learned in class. They also have access to the Student Reference Book that can help students and parents when working on work outside of the classroom.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Are the materials designed to integrate with a Learning Management System (LMS)?	X				<p>McGraw Hill currently integrates with multiple federated integration standards including, but not limited to, LTI, SAML, ADFS and others.</p> <p>Our digital platform maintains its own Identity Management system for authentication purposes. Should single-sign-on be utilized, a school district will be able to utilize whichever technologies it deems appropriate for authentication. McGraw Hill is committed to working with districts on additional integration options.</p>
Does all content conform to the National Instructional Materials Accessibility Standard ?	X				<p>In compliance with federal NIMAS law, McGraw Hill supplies accessible NIMAS files to the National Instructional Materials Accessibility Center (NIMAC) for all printed student textbooks and related student printed core materials for use by certified blind or print-disabled students. Additionally, an audio read of student-facing content is available through the Digital Student Center.</p>
Is technical support during day-to-day use primarily the responsibility for the client or the publisher?	X				<p>McGraw Hill is committed to providing faculty and students with a range of support options. Our user interface includes direct links to support information. Technical Support is available via phone Monday-Friday 7:00-8:00 EST.</p> <p>Technology support available includes:</p> <p>By Phone: Customer Service: (800) 338-3987 Technical Support: (800) 437-3715</p> <p>Online Technical Support including submitting a support request: https://mhedu.force.com/DTS/s/dtscontactus http://mheducation.force.com/CustomerSupport</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
					<p>Chat directly with a support agent and get immediate answers to your questions. Try our online chat feature to chat with one of our McGraw Hill Digital Technical Support Representatives. Chat can be found here: http://mheducation.force.com/CustomerSupport</p> <p>A 24/7 Customer Self-Service Tech Online Support Center portal is also available.</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. You may use or remove prompt text in providing additional details.

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.

*** Note:**

“**Yes with core product**” below should be used to indicate functionality in the materials purchased that are available without LMS integration.

“**Yes with dependencies**” below refers to functionality present or accessible only through working in a separate LMS, by utilizing other software as a plug-in, or linking externally to sites outside the materials.

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>	X				<p><i>Everyday Mathematics</i> includes a wealth of print and digital resources designed to help students master both practice and content standards.</p> <p>The <i>Everyday Mathematics</i> blended print/digital experience is designed to include purposeful print and digital components, focused on sparking student curiosity and providing teachers with flexible implementation options. All instructional content can be projected or can be accessed via desktop, laptop, or tablet. In addition, the program has been designed with purposeful, embedded digital tools to increase student engagement and provide a variety of instructional opportunities.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
					<p>All student-facing print resources have an identical digital version as an eBook. In addition, each individual activity and program has an interactive, digital version.</p> <p>All bundles include access to Digital Student and Teacher Centers.</p> <p><i>If yes,</i> What are the print options? (check all that apply)</p> <ul style="list-style-type: none"> • <input checked="" type="checkbox"/> Purchase hard-copy books/workbooks • <input type="checkbox"/> Photocopies available for purchase • <input type="checkbox"/> Users can print at home
Is the digital design of the materials intended to replicate a textbook experience?	X				<p>The <i>Everyday Mathematics</i> digital design allows teachers and students to work seamlessly through the learning journey using either print or digital:</p> <ul style="list-style-type: none"> • Student Edition: Students have a choice of the Math eJournal or the Student Center lesson slides to complete their work. • Aligned, interactive experience: Math eJournal allows students to enter text, highlight, take notes, and bookmark. The Lesson slides allow students access to interactive lesson elements and embedded lesson etools to extend exploration and learning.
Are digital teacher guides available for the materials?	X				<p>Teacher Lesson Guides are available as an eBook. Every digital learning asset includes teacher support at point of use.</p> <p>Teachers can access the digital teacher guides for their grade in the Teacher Center and they also have access to the guides from the grade above and grade below. The guides are currently available to teachers only and not to parents/guardian.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
					<p>The digital teacher planning materials connect explicitly to the student-facing lessons with the teacher support linked to student-facing digital assets.</p> <p>Teachers have access to a video course Quick Start and other video assets to aid teachers in program implementation.</p> <p>All these digital assets are available to all customers for no additional cost.</p>
Do the materials contain videos/animations/simulations for student learning?	X				<p>Teachers will find a Video Directory for each course in the Resources>Grade Level Resource>Videos and Resource>Grade Level Resource>Tutorial Videos. All videos are found within the course.</p> <p>Students can also access tutorial videos through the Student Learning Center.</p>
Is any or all online content dependent on links that are not maintained by the publisher?			X		All of the course content is found in the course site on the McGraw Hill Learning platform.
Do the materials include opportunities for online collaboration among students?			X		Not Applicable.
Do the materials include built in features for student-to-teacher interaction?		X			When students complete the instructional activities in the interactive ebook or individual lesson slides, teachers can access and comment on students' work in their ebooks or individual lesson slides.
Is a 1:1 device ratio required?			X		<i>Everyday Mathematics</i> digital assets were optimized for a one-to-one classroom; however, one-to-one device ratio is not required. It is a district decision regarding the student to device ratio as the program can be implemented using print, hybrid, or full 1:1 digital.
Are the assessments contained within the materials able to be securely completed by students online?	X				All <i>Everyday Mathematics</i> assessments can be administered securely online and all assessments can be edited or be newly created by teachers.

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
					A digital assessment is offered for each Unit. Beginning-, Mid- and End- of-Year assessments are also available.
Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?	X				Organization administrators have access to a usage data dashboard at the district and/or school level, depending on level of data permission, that provides aggregated platform-level usage statistics for teachers and students. We continue to work to improve our usage data reporting, including the creation of on-demand, self-service reports.
Are there online professional learning supports to help teachers utilize the materials?	X				<p><i>Everyday Mathematics</i> provides teachers with numerous opportunities to familiarize themselves with the content of the unit and lesson.</p> <p><i>Everyday Mathematics</i> has an embedded implementation support. Teachers have access to a video course Quick Start and other supports to aid in implementation.</p> <p>The Teacher Center also includes videos and support for demonstrating the Mathematical Practices. In addition, online assets include embedded teacher notes.</p>
Are there parent/guardian resources available for school systems to utilize: <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? 	X				By logging into the Student Center, families can access all the <i>Everyday Mathematics</i> course material to support their children's learning outside the classroom. Through the Student Center, parents/guardians can also view their child's grades for each assignment.

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.	SSO	SSO		X	SSO	SSO	SSO	
<p>McGraw Hill currently integrates with multiple federated integration standards including, but not limited to, LTI, SAML, ADFS and others.</p> <p>Our digital platform maintains its own Identity Management system for authentication purposes. Should single-sign-on be utilized, a school district will be able to utilize whichever technologies it deems appropriate for authentication. McGraw Hill is committed to working with districts on additional integration options.</p>								

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?	X				<p>McGraw Hill currently integrates with multiple federated integration standards including, but not limited to, LTI, SAML, ADFS and others.</p> <p>Our digital platform maintains its own Identity Management system for authentication purposes. Should single-sign-on be utilized, a school district will be able to utilize whichever technologies it deems appropriate for authentication. McGraw Hill is committed to working with districts on additional integration options.</p>

Questions	Check Only One				Details
	Yes with core product	Yes with dependencies	No	Under Development	
Can the platform manage staff assigned to multiple schools with a single sign-on?	X				Staff can be associated with more than one school or location.
Can co-teachers be assigned to multiple classes?	X				Multiple teachers can be assigned to the same class. We require one teacher to be set as the primary, but additional teachers can be added at designated levels of permissions. If a teacher is manually added to a class that is using an SIS integration, the nightly data processing will override the manual change.
Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?			X		<p>If re-enrolled in the same class, the student is re-added to the class, regains their product access, and their original data are restored. If the student is enrolled in a new class, they are rostered in the class and gain access to the associated product(s).</p> <p>Student progress and work stay with the student, but only in the context of a class. If a student is removed from the class, the assignments, assessments, etc., do not have necessary context to maintain meaning for the next class.</p>
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	X				<p>The platform provides access for multiple roles and levels including Student, Teacher, School Administrator, and District Administrator. Additional purchase is not required to create school or district administrator-only accounts for staff users.</p> <p>Access to the data is restricted solely to Subscriber personnel based on the user role they are assigned in the system. It is the Subscriber's responsibility to ensure that user roles match the level of access allowed for personnel and their personnel will not release such Data to any unauthorized party.</p>
Questions	Check Only One				

	Yes with core product	Yes with dependencies	No	Under Development	Details
Can passwords be reset without assistance from trained IT staff?	X				The platform has its own password reset workflows. Should single-sign-on be utilized, an organization will be able to use whichever approach it deems appropriate for password resets. Teachers and students can self-register and have immediate access to usernames/passwords. Teachers/Admins are able to modify their passwords. For self-registration customers, teachers and admins can update passwords for students. Teachers can also provide temporary passwords to students to allow them to update their passwords in self-registration districts.
When working offline, does the product automatically sync when a connection is re-established?			X		There is limited offline capability, mainly for eBooks in the product. These eBooks automatically synch when the user is online.

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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“Yes with dependencies” below refers to functionality present or accessible only through working in a separate LMS, by utilizing other software as a plug-in, or linking externally to sites outside the materials.

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?	X				<p>McGraw Hill offers integration and implementation support options, and each program includes help documentation and technical support to ease implementation and use for our customers.</p> <p>McGraw Hill works specifically with districts to understand their specific needs and provides support prior to implementation based on an understanding of their particular needs.</p>
Is technical support provided during the duration of the contract?	X				<p>McGraw Hill is committed to providing faculty, students, and parents with a range of support options.</p> <p>Please visit https://mhedu.force.com/DTS/s/ for more information about product support.</p> <p>Customers can also contact Digital Technical Support via email, live chat, and phone visiting https://mhedu.force.com/DTS/s/contactus. Standard operating hours are 7:00 am to 8:00 pm Eastern Time, Monday-Friday.</p> <p>Tech Directors who have an existing integration with McGraw Hill can get support setting up their classes, rosters, and products for their districts by contacting</p>

				<p>Integration Support directly at 855-315-6417 or they can email integrationsupport@mheducation.com</p> <p>On average, 96% of all contacts sent to support are resolved without needing to be escalated.</p> <p>Phone and live chat service level goals are 80% of volume in answered in 30 seconds and aim to respond to emails in less than 24 business hours. However, during the Back to School peak, response times may vary.</p>
If utilizing a free or trial version, is technical support provided?	X			Yes, the same support is provided as above.
Are there self-service supports for troubleshooting?	X			The help site can be reached by clicking on this link: https://mhedu.force.com/DTS/s/
Does technical support include planning for emergency access and district support?	X			<p>We encourage educators to subscribe to our status page on http://status.mheducation.com/ to receive up to the minute updates if we experience any unplanned outages.</p> <p>Technical support is available 24/7.</p>

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	LMS Dependent	No	Under Development	
Does the product have a native mobile application?	X				McGraw Hill content can be accessed on any supported internet-ready device through the browser. McGraw Hill provides a free Mobile App that allows the student editions to be downloaded to tablets and phones so that they can be available off-line or without an internet connection.
Is the product browser-based?	X				<p>The instructional solution combines web-based delivery that is compatible with all devices. Our platform is accessible and fully functional on all standard modern Internet browsers.</p> <p>We currently support the following browsers and versions:</p> <ul style="list-style-type: none"> • Google Chrome 86+ • Mozilla Firefox 86+ • Apple Safari 12+ • Microsoft Edge 90+ <p>Supported browsers are updated, and current System Requirements can be found here: https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements</p>
Questions	Check Only One				Details

	Yes with core product	LMS Dependent	No	Under Development	
Does the product use responsive design for rendering on smartphones?			X		<p>While many our student and teacher materials will perform in a responsive way on smaller form factor devices (those with screens smaller than 9.5"), including smartphones, our products are not built to be responsive in all aspects.</p> <p>McGraw Hill provides a free Mobile App called Read Anywhere that allows users to download student editions to tablets and phones so that they can be available off-line or without an internet connection.</p> <p>Please refer to our Minimum System Requirements. This page is updated as needed. https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements</p>
Does the product use responsive design for rendering on tablet devices?	X				<p>While many our student and teacher materials will perform in a responsive way on smaller form factor devices (those with screens smaller than 9.5"), including smartphones, our products are not built to be responsive in all aspects.</p> <p>McGraw Hill provides a free Mobile App called Read Anywhere that allows the student editions to be downloaded to tablets and phones so that they can be available off-line or without an internet connection.</p>
Does the product use responsive design for rendering on laptop devices?	X				<p>Support is built for screens with resolutions of at least 1366 x 768</p> <p>Please refer to our Minimum System Requirements. This page is updated as needed. https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements</p>
Does the product use responsive design for rendering on desktop devices?	X				<p>Support is built for screens with resolutions of at least 1366 x 768.</p> <p>Please refer to our Minimum System Requirements. This page is updated as needed.</p>

					https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements
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)?	X				Our platforms and content are Web based and require each user to have a unique password to access learning materials. All users with a username and password may access the product through multiple devices without additional software downloads or additional licenses.

Device Type	Mark box if device is compatible	Oldest operating system/version supported	Newest operating system/version supported	Details
Windows	X	8.1+	Current	Indicate if the materials are designed for a specific device type or if they are generally compatible.
Linux	<input type="checkbox"/>			Our platform and content are not built for, nor tested on, Linux devices; however, we would expect the content to function appropriately if accessed via supported browsers.
Windows Tablet	<input type="checkbox"/>			
Apple Laptop/Desktop	X	10.11	Current	
iPhone	X			Our platform and content are not built to be responsive on smaller form factor devices. While some platform features and content may be accessible on iPhones, the experience is not expected to be responsive or full featured.
iPad	X	14+	Current	
Android Phone	X			Our platform and content are not built to be responsive on smaller form factor devices. While some platform features and content may be accessible on Android phones, the experience is not expected to be responsive or full featured.
Android Tablet	X	9+	Current	
Chromebook/Chrome OS	X			
Amazon Fire OS	<input type="checkbox"/>			Our content is not built for, nor tested on, Amazon Fire OS. While our platform features and content may be accessible on Fire OS devices, we do not actively support Fire OS.
Other E-Reader	<input type="checkbox"/>			If supported, specify which e-readers are compatible.
Interactive Whiteboard	<input type="checkbox"/>			Many of our platform features and learning materials will be able to be displayed and accessed via interactive whiteboard devices, we do not build specifically for IWB operating systems.

Operating System

Browser		Apple		Windows				
	Check if browser is compatible	Oldest version supported	Newest version supported	Oldest version supported	Newest version supported	Linux	Chrome OS	N/A
Chrome	X	86+	Current	86+	Current		86+	
Firefox	X	86+	Current	86+	Current			
Safari	X	12+	Current					
Edge (formerly Internet Explorer)	X	90+	Current					
Internet Explorer	X							
Other: ____	<input type="checkbox"/>							
Additional Notes: Please refer to our Minimum System Requirements: https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements This page is updated as needed.								

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				The McGraw Hill Learning platform is undergoing continuous development to fully align to WCAG 2.1 AA standards.
Screen Magnification Software			X		
Text Readers		X			Readspeaker is integrated into the McGraw Hill Learning platform to read the content within the course, but not the elements of the platform.
Adjustable Print Size		X			This is achieved through browser zoom.
Speech Input Software			X		
Header Point Devices			X		
Motion/Eye Tracking Devices			X		
Single Switch Entry Devices			X		
Braille Readers/ Display Devices			X		
Closed Captioning		X			Dictated by course content.
Alternative Input Devices			X		
Questions	Check Only One				

	Yes with core product	Yes with dependencies	No	Under Development	Details
High Color Contrast Display Options		X			The McGraw Hill Learning platform is undergoing continuous development to fully align to WCAG 2.1 AA standards.
Translation of Text to Other Languages			X		
Bilingual Dictionaries available for students		X			Dictated by course content.
Are there required accessories (headsets, speakers)?			X		
Multiple Playback of audio/video	X				
Can students adjust the speed of audio/video playback?	X				
Are these accessibility supports able to be turned on/off?		X			Users can choose to turn video captions on/off.
Does all browser-based technology satisfy the Web Content Accessibility Guidelines or VPAT ?			X		

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?	X			User authentication communication and storage is protected by 256-bit advanced encryption standard security.
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?		X		All the <i>Everyday Mathematics</i> materials are native to the course; however, teachers can add links to resources that are not native to the course.
Data Security: Does the end-user licensing agreement allow customers to scrape data from the product?		X		
Privacy: Is personally-identifying student data provided to, generated by, or stored in any systems used by the product?	X			<p>We collect personal information that we use to provide, maintain and improve the solution. Personal information in transit is protected via SSL/TLS1.2 and secure ftp, while data at rest is protected via hashing and AES-256 bit encryption, and is stored within RMS and IDM databases</p> <p>The following student PII is collected during the registration process and required to support basic access and functionality:</p> <ul style="list-style-type: none"> • First and Last Name • Username and Password • Email (optional) • Phone Number (optional) • Student ID (optional) • Middle Initial (optional) • Gender (optional) • Date of Birth (optional)

			<ul style="list-style-type: none"> • Place of Birth (optional) • Ethnicity or Race (optional) • Public School Residence Status (optional) <p>Additional information is collected to manage students at the institution account level including:</p> <ul style="list-style-type: none"> • When students register, they are assigned to an institution account. Associated information includes account ID, institution name, and location information • Course information is associated with students when they are assigned to a course which includes class ID, grade level and teacher <p>Finally, as students use the platform, additional information is collected:</p> <ul style="list-style-type: none"> • Student input, such as content interactions, is collected in order to provide the content to the students and report on progress to the teacher. This information is also used to maintain and improve the service • Technical information such as browser, device type, operating system, IP address, page views, etc. is collected and used to maintain and improve the service
Privacy: Does the product/vendor make their student privacy policy publicly available?	X		https://www.mheducation.com/privacy.html
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.)?	X		McGraw Hill utilizes the most up-to-date security systems and 24/7 monitoring. McGraw Hill also has very strict internal processes to safeguard customers' data, and all applications are built in compliance with federal regulations including FERPA.
Privacy: Has a third-party evaluated the product for FERPA compliance?	X		McGraw Hill is designated a School Official by the institutional customer. Per FERPA regulations, this requires that McGraw Hill be under the direct control of the institution. Therefore, McGraw Hill's compliance with FERPA relies on compliance with the agreement that McGraw Hill has with the institution,

			<p>not a general FERPA compliance requirement. That said, McGraw Hill provides institutions with the right to audit McGraw Hill for compliance with their directions / agreements.</p> <p>In addition, McGraw Hill is compliant with U.S. state level student education privacy laws (e.g., SOPIPA in CA), which generally corresponds with requirements outlined by the districts. In addition, as a member of the Student Data Privacy Consortium, McGraw Hill strives to work with our institutional customers to ensure appropriate privacy and security protections for end-user data.</p>
<p>Privacy: Does the product allow registration or data collection from children under the age of 13?</p>	X		<p>Yes. As described above, McGraw Hill is designated a School Official by the institution. McGraw Hill receives consent, as defined under COPPA, "in loco parentis" as described by the FTC: https://www.ftc.gov/tips-advice/business-center/guidance/complying-coppa-frequently-asked-questions#Schools</p>

Installation

Feature/Requirement/Specification	Check Only One			Details
	Yes	No	Under Development	
Is the product downloaded to individual devices: one-time internet connection required?		X		Application is web based and is accessed via web browsers.
Is the product installed on individual computers (from CD-ROM/DVD, flash drive, etc.): no internet connection required?		X		
Is the product installed on LAN/WAN (school or district server): no internet connection required for teachers/students after installation?		X		
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?				For details about domains, ports, and protocols, please refer to this support document: https://mhedu.force.com/DTS/s/article/ConnectED-What-Websites-Should-be-Unblocked-Whitelisted-to-Use-ConnectED-and-Open-Learning
Does the product support deployment through Mobile Device Management (MDM) systems?		X		Our platform and products are Web based, and would not require Mobile Device Management, in general, to access the content. Our ReadAnywhere app for accessing eBooks and other limited content does not prohibit the use of MDM systems.
Does the product provide a detailed schedule of updates that minimizes access interruption?		X		McGraw Hill has an existing built-in updates procedure. Large planned outages are scheduled to minimize interruptions, generally starting after 9:00 pm eastern on Fridays and completed over the weekend. Additional releases are completed as needed, scheduled to minimize disruptions. Release notifications are provided in advance to users via in-platform messaging and at status.mheducation.com .
Does the login authentication use district protocols to establish unique and memorable usernames and passwords?				Our digital platform maintains its own Identity Management system for authentication purposes. Should single-sign-on be utilized, your organization will be able to utilize whichever technologies you deem appropriate for authentication. We will work with you on your integration needs.
Is there an option for concurrent user licensing?				Each user is expected to have his or her own license and unique username and password to access our content.

Sharing credentials would result in an inability to assign and score students in the learning materials.

Standards Compliance/Certification	Check all that apply	Details
SIF		If checked, include where customers can verify this information.
CEDS		If checked, include where customers can verify this information.
EDUPUB		If checked, include where customers can verify this information.
Ed-Fi (SIS/ODS)		If checked, include where customers can verify this information.
Ed-Fi (Assessments)		If checked, include where customers can verify this information.
MS Global (Competencies and Academic Standards Exchange)		If checked, include where customers can verify this information.
IMS Global (Comprehensive Learner Record)		If checked, include where customers can verify this information.
IMS Global (Open Badges)		If checked, include where customers can verify this information.
IMS Global (One Roster)	X	http://www.imsglobal.org/
IMS Global (Caliper Analytics)		If checked, include where customers can verify this information.
IMS Global (Question and Test Interoperability (QTI))		If checked, include where customers can verify this information.
IMS Global (Learning Tools Interoperability (LTI))	X	http://www.imsglobal.org/
IMS Global (LTI Advantage)		
IMS Global (Common Cartridge)		
IMS Global (Lite Common Cartridge)		

IMS Global (Open Video)		If checked, include where customers can verify this information.
Other:		If checked, list and include where customers can verify this information.

Implementation and Scalability	Yes/No or Value
What is the average page load time?	McGraw Hill's standard page load time is 3 seconds or less.
What is the required bandwidth per user?	McGraw Hill makes no bandwidth requirements for online applications as each user's respective experience and data usage within the available applications can vary widely from one session to the next. However, the platform is web-based and fully hosted by McGraw Hill. Our systems are monitored for usage and hardware is added when needed. Our digital assets are shared by all users of our system. We support and recommend caching; however, we do not provide.
Are results of stress tests provided to customers?	Our platform is load tested and certified at 2x the planned peak burst concurrent traffic. We have millions of customers who have used our programs across the platform, and we have the ability to add additional capacity as needed at any time. Results of stress tests are not provided to customers.
Is a disaster recovery plan for data provided to customers?	McGraw Hill maintains two geographically separate data centers (East Windsor, NJ and Secaucus, NJ) which are interconnected via high speed private links. The application is run from the East Windsor (EWDC) site and is built in a fully redundant fashion leveraging enterprise hardware and software (e.g. VMware clusters, EMC storage, oracle RAC databases Cisco switches, F5 load balancers, etc.) Application data is replicated from the primary to the backup site (EQX) which hosts the same configuration for our platform. Data transactions are sent in parallel to our primary and secondary data centers. In case of the loss of data center, the secondary strand of systems is promoted to the primary position. Please reference the MHE Privacy and Information Security Programs: http://www.mheducation.com/privacy
Are customers provided with a standardized implementation plan to ensure a successful rollout?	Yes, McGraw Hill will work with each district to discuss the best implementation plan for your specific needs.
Does the service level agreement include uptime guarantees of at least 95% excluding planned maintenance/down-times?	Using locally redundant and highly available systems, we design to 99.9% minimum availability for trailing 365 days.
Does the product require a VPN for offsite access?	No.

Once this document is complete and ready to submit to EdReports, please fill-out a [Technology Information Document Submission Certification](#) to certify that the information is final and accurate. Please submit the document(s) as soon as possible and no later than Friday, June 19, 2020.