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Instructional Materials Technology Information

Title: Wonders

Content Area: ELA

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Grades: K-6

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?	X				Students are able to access and complete work online, with or without LMS integration. While a 1:1 device ratio is optimal, other configurations (i.e., computer lab, laptop cart, station rotations) can be implemented. Students (and their families) have online access to all of their materials and teacher messages through the Student Dashboard. Each student is provided with a unique login to the secure platform to access these materials and complete their work. Text annotation and note-taking, assessments, practice pages, writing, and research activities can all be completed via interactive digital formats in the Student Workspace. We also provide a mobile/tablet app that allows students to download texts to a device for offline reading when connectivity is an issue.

Do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?	X				Student readings are available both in print and in eBook format. Teachers can assign the same readings, activities, practice book pages, and assessments that are available in print online through the use of interactive PDFs, eBooks with writing and annotation features, and the Online Assessment Center. Assessments are also available in printable formats. Interactive digital formats of several components allow students to write, annotate, and complete their work digitally. When learning is taking place in a hybrid setting, students have the option to submit their work digitally and/or print their work to submit it in a physical setting. Using a combination of digital and print will allow teachers to put together independent work packages for students when learning is remote.
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	X				Teachers are able to download printable versions of multiple content items for offline use, including student practice pages which can be customized by the teacher. Teachers can easily access the printable resources for a specific week via the Teacher Dashboard under "Weekly Printables" and select future weeks, if desired, to plan and print resources in advance. Additional printable resources available in *Wonders* include graphic organizers, student checklists, differentiated genre passages, high frequency word cards, word sorts, assessments, and other student tools.

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Is there instruction so students can work independently (or with an adult at home)?	X				Teachers are able to digitally assign students a "to-do" list and may include written instructions with assignments. Additionally, the student dashboard is pre-populated with the resources appropriate for the week's instruction, so all information required for the week is available digitally. The teacher resources include a parent-facing letter introducing families to the Student Workspace and providing access instructions. School to Home letters provide general guidance to parents and some additional activity ideas. All games have help screens that explain how to play the game, and all practice worksheets include student-friendly instructions.
Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?	X				Data Dashboard allows teachers to review whole-class and individual progress against tested skills and standards, with recommendations for regrouping and reteaching. It provides activities and suggestions for differentiated instruction, according to similar proficiencies, and individual recommendations to address student needs. The Teacher's Edition provides support for differentiated small-group instruction, "Check for Success" prompts, and corrective feedback suggestions that support monitoring, re-teaching, and differentiation -- all delivered digitally. Leveled readers across all grades are provided in a searchable database. Teachers have access to a range of Lexile™, benchmark, and GR levels to assign or print for students. Teachers can set a teaching level for each student, which adjusts the

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					resources auto-populated on their dashboard. Teachers can deliver assignments to groups or individuals to provide differentiated instruction and practice. Teachers can provide feedback digitally for all assignments. Digital activities provide immediate student feedback and a printable scoresheet. Assessments can be configured for direct feedback.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	X					Online Professional Development is part of the *Wonders* resources in the online Teacher Workspace. PD includes: ● Digital Quick Start: step-by-step implementation of digital features (online calendar setup, lesson planning, digital resources, etc.) ● Wonders Basics: walks through the curriculum structure of *Wonders*, materials, instructional features, and tutorials for placement testing ● Digital Help section: guides teachers through the digital space (Teacher Dashboard, planning, resources, managing content, etc.) ● On-demand modules: instructional strategies for mini-lessons, writing to text, genre writing, social emotional learning, English language learning, dual language, and using assessment to inform instruction. ● Model classroom videos: master teachers model close reading, writing to sources, small group instruction, and more ● Author videos: experts discuss research-based instructional practices for

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					foundational skills, reading, writing, collaboration, small-group management, planning, assessment, etc. ● Support for educational equity, including social emotional learning and supporting English language learners ● Administrator resources: support teachers through implementation, including teacher/parent communications and classroom walk-through checklists
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?	X				*Wonders* parent support is facilitated through the digital platform, which enables parents and students to access content from any internet-connected device. Parents can login to the Student Workspace accessing weekly reading selections, vocabulary words, instructional games, and more. Weekly School to Home letters, including the weekly Word Workout, Student Outcomes, Comprehension Check, and Spelling List, are available in print or digital by clicking "School to Home" on the website. School to Home resources also include a letter that describes what the class is working on that week, a list of the week's vocabulary and spelling words, and a comprehension activity for parents and children to work on together. The School to Home letters are written in Spanish, Vietnamese, Tagalog, Chinese (Cantonese and Mandarin), Arabic, Hmong, Urdu, and Korean. Audio summaries of core reads are also available in the same languages to support both those whose home language is not English.

Are all of the following audiences provided access to the product as part of the core purchase? ● parents/guardians ● Educators (Teachers, Administrators, etc.) ● Students	X				The *Wonders* digital platform, ConnectED, provides a wealth of resources and materials for students, teachers, and parents/guardians. Teachers and administrators have access to data and reporting that can be shared with parents. For both students and parents, the School to Home connection is also supported through: ● A personal login to the *Wonders* digital platform for access to resources, at home or on the go ● Access to students' reading selections, vocabulary words, practice pages, games, songs, videos and more ● Audio summaries of the main selections and shared reads in English, Spanish, and seven other languages ● Writer's Notebook at Grades 2-5 that provides online support for writing process ● A virtual binder that provides access to student work at any time, on any device
Are the materials designed to integrate with a Learning Management System (LMS)?	X				Our digital programs are web based and can be integrated with an LMS. McGraw Hill provides a variety of integration solutions, predominantly through the use of IMS standards, to support interoperability of our instructional programs and data with other 3rd party systems. We are able to provide standard SSO & LTI integrations, as well as TCC and QTI for many programs. *Wonders* is IMS Global certified. *Wonders* (ConnectED) IMS Certifications:

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					https://site.imsglobal.org/certifications/mcgraw-hill-education/connect-ed-*Wonders* ● Can they be modified once they are imported or are they static? In a TCC integration, links to the materials are imported. If the content in *Wonders* is updated, the TCC link will automatically direct to the updated content. Otherwise, the content is static.
Does all content conform to the National Instructional Materials Accessibility Standard?	X				
Is there technical support during day-to-day use?	X				McGraw Hill is committed to providing faculty and students with a range of support options. Our user interface includes direct links to support information. Technology support available includes: By Phone: Customer Service: (800) 338-3987 Technical Support: (800) 437-3715 Online Technical Support including submitting a support request: https://mhedu.force.com/DTS/s/dtscontactus http://mheducation.force.com/CustomerSupport 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

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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"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.
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Questions	Check Only One				Details
	Yes with core product	**Yes** with dependencies	**No**	**Under Development**	
Are the materials designed to be used with both digital and print components?	X				If yes, • What are the print options? (check all that apply) X Purchase hard-copy books/workbooks

Are there print options available for student-facing materials that could be utilized in a blended digital approach? Is the print content identical, similar, or comparable to the digital?					_____ Photo copies available for purchase ___X____ Users can print at home ● Add any additional details. Digital content is identical to the print components. Some resources are available digitally as printable PDFs, and certain formats such as video are exclusively digital.
Is the digital design of the materials intended to replicate a textbook experience?	X				Core student components are available as fixed format e-books that exactly replicate the textbook experience. Practice book activities and other resources are available as printable PDFs.
Are digital teacher guides available for the materials?	X				Teachers may access PDF versions of the Teacher's Editions through their ConnectED account, and the identical content can be accessed from the planner as web-based lessons. Parents/guardians have access to several parent resources through the "School to Home" link via their child's account. The teacher platform within ConnectED provides teachers with the exact resources they need for each day whether instruction is in-person or remote, a built-in lesson planner, and facilitates digital whole group lessons through a presentation tool linked directly to the teacher's planner. Videos, photos, graphic organizers, eBooks and other interactive content is presented in such a way that teachers have access to every resource needed for each lesson, already sequenced in the order of instruction.

					There is no additional cost for these resources.
Do the materials contain videos/animations/simulations for student learning?	X				Videos and animations are available in some lessons. Videos can be assigned to students for viewing or accessed directly by students from within the activities. Videos and animations are native to the materials.
Is any or all online content dependent on links that are not maintained by the publisher?			X		
Do the materials include opportunities for online collaboration among students?	X				Online collaboration among students is provided through the Talk About It message boards and the ability for teachers to assign group projects to specific groups of students.
Do the materials include built in features for student-to-teacher interaction?	X				Student to teacher interaction is supported through the Talk About It message boards for classroom discussions. Additionally, students can add comments to submitted assignments for teacher review and feedback.
Is a 1:1 device ratio required?			X		While a 1:1 device ratio is optimal, other configurations (i.e., computer lab, laptop cart, station rotations) can be implemented. Since each student has a unique log-in, shared computers can be an option.
Are the assessments contained within the materials able to be securely completed by students online?	X				Teachers can edit the online assessments and add their own items as well.

Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?				X	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.
Are there online professional learning supports to help teachers utilize the materials?	X				Online Professional Development (PD) for teachers is available at no additional cost on-demand and can be found in the Resources > Professional Development section of the online Teacher Workspace. This online PD is part of every teacher's digital workspace, and includes: ● a Basics module that walks teachers through the curriculum structure in *Wonders*, overviews the most powerful instructional features, guides classroom set up, and provide tutorials for placement testing of students ● a Digital Quick Start module that walks teachers through a step-by-step implementation of the *Wonders* digital features, including setting up the online calendar, lesson planning, and accessing digital teachers and student resources ● a Digital Help section that guides teachers through every aspect of the digital space, from the Teacher Dashboard, to planning, using resources, managing and assigning content, and more ● additional on-demand modules that support teachers in applying best practice instructional strategies for reading lessons, guided reading, writing in response to text, writing in the genres, social emotional learning, English language learning, dual

					language Instruction, and using assessment and data to inform instruction.
					• videos of model classroom lessons with master teachers leading students in close reading, writing to sources, guided reading, small group instruction, and more
					• a research base and whitepapers from *Wonders* authors like Doug Fisher, Tim Shanahan, Donald Bear, Jana Echevarria, Vicki Gibson and others
					• videos featuring *Wonders* authors and expert teachers discussing research-based best instructional practices for foundational skills, reading, writing, collaborative conversations, small-group management, instructional planning, assessment, and more
					• resources to support educational equity in the classroom, including guidance on social emotional learning and supporting English language learners
					• resources for administrators to support teachers as they implement *Wonders*, including teacher and parent communication letters and classroom walk-through checklists
Are there parent/guardian resources available for school systems to utilize: • For when there is in-person instruction? • For when there is hybrid instruction? • For creating continued learning plans for distance learning schedules?	X				*Wonders* parent support is facilitated by the ease-of-use of the digital platform which enables parents and students to access content from any internet-connected device. Parents can login to the Student Workspace to access the weekly reading selections, vocabulary words, instructional games, and more. Weekly parent letters, as well as the weekly Word Workout, Comprehension Check, and Spelling List, are

| | | | | | available in print or digital by clicking "School to Home" on the website.

The parent letters are written in Spanish, Vietnamese, Tagalog, Chinese, Arabic, Hmong, Urdu, and Korean. Teachers can also create and send their own messages and other resources for parents through the School to Home tools.

Technical support and information about how the digital platform works are available from the Help link on ConnectED as well as send-home materials available in the teacher resources.

Selected resources and technical support for administrators, teachers, and parents during remote learning situations are available at https://www.mheducation.com/prek-12/explore/remote-learning.html. |

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 (HISD)		X	Most MH products are available as TCC and can be launched from any LTI compliant LMS.

McGraw Hill implements various standards, such as IMS, to support interoperability of our instructional programs and data with other 3rd party systems. We are able to provide standard SSO integrations with LTI compliant LMS systems such as those listed above, and are able to offer TCC and QTI for many programs. McGraw Hill is an IMS Global contributing member. *Wonders* IMS Certifications: https://site.imsglobal.org/certifications/mcgraw-hill-education/connect-ed-*Wonders*

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				McGraw Hill supports multiple Federated standards including, but not limited to, SAML, LTI and OAuth. We are also committed to working with districts to develop suitable integration solutions that meet individualized needs. Single sign-on with ConnectED through LDAP is another option for authentication of teachers and students. All material can be accessed from the ConnectED platform with a single username and password and ConnectED can be integrated with the district LMS or SIS for seamless ease of use.
Can the platform manage staff assigned to multiple schools with a single sign-on?	X				
Can co-teachers be assigned to multiple classes?			X		Many products on our ConnectED platform allow teachers to share individual classes with other teachers in their organization via the Class Management tools, although co-teachers are not supported via file/auto-rostering of classes.

Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?			X		Student progress and work stays with the student within the context of a class. If a student is removed from a class, the assignments, assessments, etc., do not have necessary context to maintain meaning for the next class.
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	X				The platform provides access for multiple roles and levels including Student, Teacher, School Administrator, and District Administrator. No additional is required. Access to the Data is restricted solely to Subscriber personnel based on the user role they are assigned in the system by Subscriber.
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, your organization will be able to use whichever approach you deem 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. Customers are not able to disable this feature.
When working offline, does the product automatically sync when a connection is re-established?			X		There is offline capability for eBooks in our products, and students may be asked to initiate a sync.

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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?	X				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.
Is technical support provided during the duration of the contract?	X				• McGraw Hill is committed to providing faculty, students and parents with a range of support options. Please visit https://mhedu.force.com/DTS/s/ for more information about product support. Customers can also contact Digital Technical Support via email, live chat, and phone visiting https://mhedu.force.com/DTS/s/contact us. Standard operating hours are 7:00 am to 8:00 pm Eastern Time, Monday-Friday. • 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 Integration Support directly at 855-315-6417 or they can email integrationsupport@mheducation.com
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				

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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?	X				McGraw Hill content can be accessed on any internet ready device through standard modern Internet browsers. For a specialized tablet experience, McGraw Hill also provides a free ConnectED Mobile App for many of our programs, including *Wonders*, that allow the student edition to be downloaded and available offline.
Is the product browser-based?	X				
Does the product use responsive design for rendering on smartphones?			X		Support is built for screens with dimensions of at least 9.5 inches. While some of our platform features and content will function on smaller form factor devices, the experience will not be as responsive.

Does the product use responsive design for rendering on tablet devices?			X		Support is built for screens with dimensions of at least 9.5 inches. While some of our platform features and content will function on smaller form factor devices, the experience will not be as responsive. McGraw Hill provides a free ConnectED Mobile App for a specialized tablet experience for many of our programs.
Does the product use responsive design for rendering on laptop devices?			X		Support is built for screens with resolutions of at least 1024 x 768.
Does the product use responsive design for rendering on desktop devices?			X		Support is built for screens with resolutions of at least 1024 x 768.
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				No additional software downloads or licenses are required.

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	7+	Current	
Linux	☐			
Windows Tablet	☐			
Apple Laptop/Desktop	X	10.10+	Current	
iPhone	☐			Our content is accessible via web browser. Support is built for screens with dimensions of at least 9.5 inches. While some of our platform features and content will function on smaller form factor devices, the experience will not be as responsive.
iPad	X	9+	Current	
Android Phone	X			Our content is accessible via web browser. Support is built for screens with dimensions of at least 9.5 inches. While some of our platform features and content will function on smaller form factor devices, the experience will not be as responsive.
Android Tablet	X	5.1+	Current	
Chromebook/Chrome OS	X			
Amazon Fire OS	☐			Our content is accessible via web browser, though not specifically built for Amazon Fire OS.
Other E-Reader	☐			
Interactive Whiteboard	☐			Our content is accessible via web browser, though not specifically built for Interactive Whiteboard.

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Browser	Check if browser is compatible	Operating System							
		Apple		Windows		Linux	Chrome OS	N/A
		Oldest version supported	Newest version supported	Oldest version supported	Newest version supported			
Chrome	X	69+	Current	69+	Current		69+	
Firefox	X	59+	Current	59+	Current			
Safari	X	9	Current					
Edge (formerly Internet Explorer)	X	13	Current					
Internet Explorer	☐							
Other: _____	☐							

Additional Notes:
McGraw Hill content can be accessed on any internet ready device through standard modern Internet browsers. Our Minimum System Requirements: https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements   detail specific browsers, however, many of our platform features and learning materials will be able to be displayed and accessed in other unsupported environments.

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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				
Screen Magnification Software		X			This is achieved through browser zoom.
Text Readers		X			All eBooks have full audio support.
Adjustable Print Size		X			This is achieved through browser zoom. Teacher lessons have adjustable print as a platform feature.
Speech Input Software		X			Available in assignments if teacher enables it.
Header Point Devices			X		
Motion/Eye Tracking Devices			X		
Single Switch Entry Devices			X		
Braille Readers/ Display Devices			X		
Closed Captioning	X				
Alternative Input Devices			X		
High Color Contrast Display Options	X				
Translation of Text to Other Languages		X			McGraw Hill offers a parallel Spanish language arts program. We do not have automatic translation capabilities to other languages.

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Bilingual Dictionaries available for students			X		
Are there required accessories (headsets, speakers)?		X			If yes, • Devices running our minimum system requirements will support these accessories. Users will need speakers and/or headsets if they are utilizing a screen reader.
Multiple Playback of audio/video	X				
Can students adjust the speed of audio/video playback?		X			Video player accommodates user controls. E-books do not.
Are these accessibility supports able to be turned on/off?		X			Users can choose to turn video captions off/on.
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		Our platform does not refer users outside the platform.
Data Security: Does the end-user licensing agreement allow customers to scrape data from the product?		X		Subscribers may provide a written request for an export of student data.
Privacy: Is personally-identifying student data provided to, generated by, or stored in any systems used by the product?	X			We collect personal information that we use to provide, maintain and improve the solution. Personal information in transit is protected via SSI/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 The following student PII is collected during the registration process and required to support basic access and functionality: • First and Last Name • Username and Password

				Subscribers have the option to collect any of the following elements: • Email • Phone Number • Student ID • Middle Initial • Gender • Date of Birth • Place of Birth • Ethnicity or Race • Public School Residence Status Additional information is collected to manage students at the institution account level including: • 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 Student generated content, such as content interactions, and technical information is collected as students use the platform.
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 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?				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 and US state level student education privacy laws relies on compliance with the agreement that McGraw Hill has with the institution, 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. 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.
Privacy: Does the product allow registration or data collection from children under the age of 13?				As described above, McGraw Hill is designated a School Official by the institution. McGraw Hill receives consent, as defined under COPPA, from our customers acting "in loco parentis".

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		Our cloud 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?	X			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 do not generally require Mobile Device Management to access our content.
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?	X			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?		X		

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.
IMS 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))	X	

IMS Global (Learning Tools Interoperability (LTI))	X	http://www.imsglobal.org/
IMS Global (LTI Advantage)		If checked, include where customers can verify this information.
IMS Global (Common Cartridge)		If checked, include where customers can verify this information.
IMS Global (Lite Common Cartridge)	X	http://www.imsglobal.org/
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?	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. *Wonders* is carefully designed to be fully functional and easily usable by a student with minimal bandwidth; however, a strong, stable internet connection is required for optimal experience. Total bandwidth requirements at each school site and/or the district level will depend on the number of students at each school and/or at the district. Our system requirements can be found here: https://mhedu.force.com/DTS/s/article/McGraw-Hill-System-Requirements
Are results of stress tests provided to customers?	Stress testing is performed. Results of stress tests are not provided to customers.
Is a disaster recovery plan for data provided to customers?	McGraw Hill has a comprehensive disaster recovery plan.
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?	We design to exceed 99% minimum availability excluding planned maintenance and outages outside of our control.
Does the product require a VPN for off site access?	No.