

# Technical Specifications

This form is designed to collect information for local education agencies (LEAs) to consider during their review and adoption process. The information you provide here will be included in the quality review report and will not be scored. One form will suffice for all grade levels unless specifications vary from one grade level to another.

## Publisher Information

Publisher/Vendor			
Company Name	McGraw Hill LLC		
Product Name	Wonders/Maravillas	Grade Level(s)	K-2

## Part 1: Access and Use

Yes	No	Feature/Requirement/Specification
	x	1. This product is designed for 1:1 use (one digital device per student).
x		2. This product combines print and digital materials.
	x	3. This product is digital only.
x		4. Online products can be used offline. Students can continue working when internet connection is dropped.
x		5. The product automatically syncs when a connection is re-established, and work completed offline is saved and uploaded.
x		6. Students are permitted to use the product on more than one device (e.g., computer at school and a laptop at home).

Yes	No	Feature/Requirement/Specification
x		7. Single sign-on is supported.
	N/A	8. The product uses the Texas Student Data System (TSDS) with unique IDs for students and staff.
x		9. Other accounts can be created for support staff.
	x	10. Content is exportable. If yes, specify formats: <a href="#">Digital content is meant to be used within the ConnectED Platform</a>
x	x	11. Content is printable. <a href="#">There is a mix of Printable and Permissioned materials</a>
	x	12. Content is presented in e-book format. If yes, specify formats: <a href="#">Student eBooks are presented in a custom ebook shell with many features.</a>
x		13. The product has embedded videos. If yes, specify format, average file size, and number of videos. File Format: ___ Avg. Size: ___ Number: _____ Some videos are present. And they are crafted to work within standards minimum browser settings.
x		14. The product contains animations. Some animations are present.
	x	15. The product contains simulations. If yes, specify formats: ___
x		16. The product contains embedded assessments. If yes, describe assessment format, location, and compatibility with an external learning management system. <a href="#">The online Assessment systems is a custom MHE system. It has limited compatibility/options.</a>
x		17. The product platform allows for digital objects (e.g., text, video, simulations, etc.) to be divided and tagged with keywords and standards. All materials are already tagged and searchable via a variety of filters.

## Part 2: Compatibility

Please complete the table below, marking the box in the second column for each compatible device and noting the oldest and newest associated operating systems for that device.			
Device Type	Mark box if device is compatible	Oldest operating system/version supported	Newest operating system/version supported
PC	<input checked="" type="checkbox"/>		

Please complete the table below, marking the box in the second column for each compatible device and noting the oldest and newest associated operating systems for that device.

Device Type	Mark box if device is compatible	Oldest operating system/version supported	Newest operating system/version supported
Windows Tablet	<input checked="" type="checkbox"/>		
Mac	<input checked="" type="checkbox"/>		
iPhone	<input type="checkbox"/>		
iPad	<input checked="" type="checkbox"/>		
Android phone	<input type="checkbox"/>		
Android tablet	<input checked="" type="checkbox"/>		
Chromebook	<input checked="" type="checkbox"/>		
Kindle Fire	<input type="checkbox"/>		
Kindle, other	<input type="checkbox"/>		
Nook	<input type="checkbox"/>		
Other e-reader	<input type="checkbox"/>		
Interactive whiteboard	<input checked="" type="checkbox"/>		

Compatibility – Browser and Operating System		Leave 'X' if Applicable														
Browser	Oldest supported browser version	Newest supported browser version	Operating System													
			Mac OS X						Windows				Linux	Chromium	N/A	
			10.10	10.11	10.12	10.13	10.14	10.15	XP	7	8.1	10				
Chrome	69		x								x	x	x			
Firefox	59															
Safari	9															
Edge	13															
Other: Internet Explorer	11															

NOTE – the Full ConnectED System requirements have been added to the end of this document.

### Part 3: Product Format, Installation Requirements, and Support

Yes	No	Feature/Requirement/Specification	Additional Information
	x	1. Browser-based online: Continuous internet connection required.	Content can be downloaded for later use.
	x	2. Plug-ins are required. If yes, list required plug-ins.	
x		3. Downloaded to individual device: One-time internet connection required.	
	x	4. Installed on LAN (district or school server): No internet connection required for teachers, students, or other users.	
	x	5. Infrastructure and software licensing are required. If yes, list requirements and specify if set-up support is provided.	
	x	6. Server configuration is required. If yes, list requirements and specify if set-up support is provided.	
	x	4. Installed on individual computer (from DVD, flash drive, etc.): No internet connection required. If yes, estimate time per device required for setup; indicate if support is provided and if local IT staff is needed.	
	x	5. The product supports deployment through Mobile Device Management (MDM) systems?	
x		6. Technical support is provided to districts during initial set-up and deployment. If yes, specify type of support provided.	MHE Technical Support is available
x		7. Technical support is provided during duration of contract. If yes, specify type of support provided.	MHE Technical Support is available

## Part 4: Data Security, Access, and Privacy

Yes	No		Additional Information
x		1. Login authentication uses district protocols to establish common usernames and passwords. If yes, indicate if TSDS staff/student unique ID is used, or if other please specify.	<p>McGraw-Hill Education currently integrates with 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. All material can be accessed from our platform with a single username and password and our platform can be integrated with APS LMS or SIS for seamless ease of use.</p> <p>Additionally, our 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.</p>
x		2. Passwords can be reset without assistance from technical staff.	
x		3. Personally identifying student data is recorded by the product. If yes, list required and optional data fields.	<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>

Yes	No		Additional Information
			<ul style="list-style-type: none"> <li>• First and Last Name</li> <li>• Username and Password</li> <li>• Student ID</li> <li>• Email (optional)</li> <li>• Phone Number (optional)</li> <li>• Middle Initial (optional)</li> <li>• Gender (optional)</li> <li>• Date of Birth (optional)</li> <li>• Place of Birth (optional)</li> <li>• Ethnicity or Race (optional)</li> <li>• Public School Residence Status (optional)</li> </ul> <p>Additional information is collected to manage students at the institution account level including:</p> <ul style="list-style-type: none"> <li>• When students register, they are assigned to an institution account. Associated information includes account ID, institution name, and location information</li> <li>• Course information is associated with students when they are assigned to a course which includes class ID, grade level and teacher</li> </ul> <p>Finally, as students use the platform, additional information is collected:</p> <ul style="list-style-type: none"> <li>• Student input, such as content <i>interactions</i>, is collected in order to provide the content to the students and report on progress to the teacher. This information is also</li> </ul>

Yes	No		Additional Information
			<p><i>used to maintain and improve the service</i></p> <p>Technical information such as browser, device type, operating system, IP address, page views, etc. is collected and used to maintain and improve the service</p>
x		4. Student data (e.g., roster changes, contact information, etc.) is automatically updated. If yes, specify frequency and if automatically exported from SIS, or indicate who is responsible for student data export.	If single sign-on and automated rostering is implemented, we offer a nightly file upload process.
x		5. Location of student data stored by the product fully disclosed.	McGraw Hill digital products are hosted from our state-of-the-art facility in East Windsor, New Jersey. Constructed in 2007, the East Windsor Data Center is located within a 300,000 square foot structure located in the South building of the 148 Princeton-Hightstown Road complex.
x		6. Student data is purged after use by the product and is fully disclosed and verified. If yes, indicate how and when.	We are implementing a rolling three year retention period (after last login). We can always purge via written request.
x		7. Student data can be purged by the district at any time.	<p>“Yes” but they need to request via writing or our online request form:</p> <p><a href="https://www.mheducation.com/privacy/privacy-request-form">https://www.mheducation.com/privacy/privacy-request-form</a></p>
x		8. Data is encrypted in transit. If yes, indicate which protocols are supported.	<i>Personal information in transit is protected via SSL/TLS1.2 and secure ftp.</i>
x		9. Data elements are encrypted at rest (i.e., in a database or file system) If yes, specify which data elements are encrypted.	<i>Data at rest is protected via hashing and AES-256 bit encryption, and is stored within RMS and IDM databases.</i>
x		10. The <a href="#">student data privacy pledge</a> has been agreed upon. Please provide link to verifying document and/or your student privacy policy.	<p>Yes – McGraw-Hill signed the pledge:</p> <ul style="list-style-type: none"> <li>• <a href="https://studentprivacypledge.org/signatories/">https://studentprivacypledge.org/signatories/</a></li> </ul>

Yes	No		Additional Information
			<ul style="list-style-type: none"> <li><a href="https://www.mheducation.com/privacy/end-user.html">https://www.mheducation.com/privacy/end-user.html</a></li> </ul>
x		11. The product conforms with FERPA regulations.	
	x	12. A third-party has evaluated the product for FERPA compliance. If yes, provide a link to the report.	We do not have a third-party audit of FERPA compliance. We do comply.
	x	13. The product employs rule-based security. If yes, provide a link to detailed information and supporting documents.	We maintain a hierarchical, role-based security model in support of offered services. Access to personal information retained in the system is strictly limited to those with an operational need to know. Further, access to specific information is restricted to the limited functional need of the individual accessing the information based on their role and assigned task.
x		14. The product allows registration or data collection from children under the age of 13. If yes, provide a link to the COPPA Safe Harbor certificate.	Yes, but we do not have a COPPA Safe Harbor certificate. These are not required by law. McGraw-Hill receives permission from the school district "in loco parentis" to collect personal information of students under the age of 13
	x	15. The product allows a download of LEA-generated data (including usage data) without manual intervention by product staff.	

## Part 5: Additional Technology Specifications

Learning Management System (LMS)	Blackboard	Canvas	Eduphoria	Google Classroom	ItsLearning	Moodle	Schoology	Other: Please list below
Is the product configured to work with one or more specific LMS? Check all that apply.		X		X			X	

Other LMSs: \_\_\_\_\_



Standards Compliance	SIF	CEDS	EDUPUB	Ed-Fi	Xapi	IMS Global	Other: Please list below
Is the product compliant with one or more specific standards? Check all that apply.						X	

Other standards: \_\_\_\_\_

IMS Global Standards	LTI	OneRoster	QTI	TCC	CASE	APIP	Caliper
If IMS Global was selected above, check all the standards that apply to this product.	X	X	X	X			

Is this product IMS Certified? If so, list the standards under which it is certified: \_\_\_LTI v1.0, v1.1; OneRoster v1.0, v1.1; QTI v2.1; TCC v 1.2, v1.3\_\_\_\_\_

### McGraw-Hill System Requirements

#### Browsers

In order to use all functions of McGraw-Hill digital programs effectively, you must use an updated web browser. We currently support the following browsers and versions:

- [Google Chrome 69+](#)
- [Mozilla Firefox 59+](#)
- [Internet Explorer 11+](#)
- [Apple Safari 9+\\*](#)
- [Microsoft Edge 13+](#)

You can see your browser's version in the Help/About menu. If your browser has a lower version number than listed above, you'll need to upgrade. You can use one of the links above to download the latest version of your desired browser.

*\*In newer versions of Safari, there is a default privacy setting that may prevent the launch of courseware resources in McGraw Hill products. For now, to prevent these issues, access the **Safari** menu, select **Preferences** from the drop-down, and then select the **Privacy** option. Uncheck the box next to **Prevent cross-site tracking** and close out of the window. McGraw-Hill is aware of this issue and is working to deploy changes to our products that will ensure*

*customer impact is minimized.*

### **Screen Resolution**

- Resolution of at least 1024 x 768
- Dimensions of at least 9.5 inches

### **Windows**

- Windows 7+

### **Mac OS X**

- Mac OS X 10.10

### **Chrome OS**

- Chrome OS v69
- 2 GB RAM

### **Tablets and Mobile Devices**

- iOS 9+
- Android 5.1+

### **Supporting Technologies**

We recommend enabling/allowing the following:

- Adobe Flash
- Browser Cookies
- Javascript
- MP3
- Pop-up windows

All McGraw-Hill digital programs also require a strong, stable internet connection. If you attempt to enter grades or other data without being connected to a strong internet connection, this data may not be saved.