

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			
Product Name	<i>HMH Into Reading Texas</i>	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. There is an offline app available for content, though it does not offer the full system functionality that is available in the online version. Content must be downloaded to the app prior to Internet disconnection and/or disruption.
	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. HMH supports self-service SSO using Google SSO. Other SSO methods are available through our preferred partner, ClassLink. ClassLink supports multiple IDP protocols.
X		8. The product uses the Texas Student Data System (TSDS) with unique IDs for students and staff. The program allows authorized users to establish unique student and staff IDs.
X		9. Other accounts can be created for support staff.
X		10. Content is exportable. If yes, specify formats: The program is not exportable, even though there are many resources that may have printable or downloadable equivalents. Additionally, there is an app that allows students to download and access content offline. Reports for assessments can also be exported in CSV format.
X		11. Content is printable. Select resources are printable or have printable equivalents.
X		12. Content is presented in e-book format. If yes, specify formats: Online books are rendered in EPUB and XML formats
X		13. The product has embedded videos. If yes, specify format, average file size, and number of videos. File Format: <u>MPEG-4</u> Avg. Size: <u>~100MB</u> and averaging around 3 mins in length Number: <u>~50-60 per grade level (depending on number of texts)</u>
	X	14. The product contains animations. There are embedded videos in HTML5-compliant formats, but the program does not contain animations.
	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. <u>Access via Online Platform:</u> Different types of program assessments are both embedded and available as standalone assignable elements of this comprehensive program. <u>Access for LMSs:</u> All Core program assessments are converted to and validated as IMS Global QTI v2.1 compliant for use with external platforms that support this specification. This includes assessments that are embedded in the eSE on the host platform. Please be advised that not all platforms support the full range of TEI interaction types included in the package. QTI content functionality is limited to the proprietary functionality of the platform in which it is being used.
X		17. The product platform allows for digital objects (e.g., text, video, simulations, etc.) to be divided and tagged with keywords and standards. Objects within the program are divided and tagged with keywords and standards by the publisher. There is not an option for custom tagging by the end user at this time, however.

Part 2: Compatibility

HMH maintains an updated *Product Technology Snapshot* at <https://customer care.hmhco.com/csrportalnew/pts/home/> that provides details on supported operating systems, browsers, and recommended configurations. Operating systems and browsers are frequently updated, and HMH attempts to maintain alignment with these updates as soon as possible to support the best learning experience. The *Product Technology Snapshot* may currently say that Windows 7 is supported, but support for that operating system will be ending in Q1 of 2020.

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"/>	Win 8.1	Win 10 (recommended); Chrome OS (recommended)
Windows Tablet	<input checked="" type="checkbox"/>	Android 7.1 and above (7"+ screen)	Chrome OS (recommended)
Mac	<input checked="" type="checkbox"/>	Mac 10.13	Mac 10.15
iPhone	<input type="checkbox"/>	Devices with 7" and smaller screens are not supported as they will not display all program content.	
iPad	<input checked="" type="checkbox"/>	iOS 11 & 12 (7"+ screen)	iOS 13 (7"+ screen)
Android phone			
Android tablet	<input checked="" type="checkbox"/>	Android 7.1 and above (7"+ screen)	Android 7.1 and above (7"+ screen)
Chromebook	<input checked="" type="checkbox"/>	Chrome OS (recommended)	Chrome OS (recommended)
Kindle Fire	<input type="checkbox"/>		
Kindle, other	<input type="checkbox"/>		
Nook	<input type="checkbox"/>		
Other e-reader	<input type="checkbox"/>		
Interactive whiteboard	<input type="checkbox"/>		

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						X	X	X			X	X			
Firefox						X	X	X			X	X			
Safari						X	X	X							
Edge												X			
Other: _____															

Part 3: Product Format, Installation Requirements, and Support

Yes	No	Feature/Requirement/Specification	Additional Information
X		1. Browser-based online: Continuous internet connection required.	
		2. Plug-ins are required. If yes, list required plug-ins.	Some of the program's downloadable content is in PDF format, so an Adobe Reader plug-in is needed.
X		3. Downloaded to individual device: One-time internet connection required.	Select content can be downloaded, but not the full program.
	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.	

Yes	No	Feature/Requirement/Specification	Additional Information
X		7. Technical support is provided during duration of contract. If yes, specify type of support provided.	<p>With the purchase of any HMH Core Solution, unlimited technical support is available for all licensed users, school-level and district-level technology leaders, and families of students (when programs are in use outside of school) throughout the life of the contract. Support is offered using the below described methods:</p> <ul style="list-style-type: none"> • Phone: 800.323.9239 (toll-free help desk with live operators, Monday through Friday, 7:00 am to 9:00 pm ET, excluding holidays) • Email: techsupport@hnhco.com • Webform Support Request Tool: http://hnhco.force.com/customercase • Technical Support Site: Customers can access user guides, helpful articles, and more on HMH's Technical Support site at https://customercare.hnhco.com/product/techsupport/ CCTechSupportLandingPage.html • Technical Support Library: https://customercare.hnhco.com/ (click on Technical Support tab at the top); Help button: While on the platform, teachers and students can click the Help button. Help buttons on teacher accounts take the user to the <i>Ed Teacher Help</i> site, and the Help button on student accounts leads to the <i>Ed Student Help</i> site.

Part 4: Data Security, Access, and Privacy

Yes	No	Feature/Requirement/Specification	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.	We support Google SSO and ClassLink SSO IDPs. The end user is able to set district-based usernames and passwords.
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.	Details on the types of student data required to participate in our learning platforms are provided in our <i>K-12 Privacy Policy</i> at https://www.hnhco.com/privacy-policy-k12-

Yes	No		Additional Information
			learning-platforms.
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.	Please refer to http://downloads.hmlt.hmco.com/Help/ImportMngmt/Administrator/#t=Getting_Started%2FOpening_Import_Management.htm for details.
X		5. Location of student data stored by the product fully disclosed.	All customer data will be securely stored in an Amazon Web Services (AWS) Hosting Data Center facility located in the United States.
X		6. Student data is purged after use by the product and is fully disclosed and verified. If yes, indicate how and when.	District can submit a purge form to remove data. This will remove users, as well as any/all data on the platform, and is not specific to one product purchase.
X		7. Student data can be purged by the district at any time.	District can submit a purge form to HMH to remove data at any time. Please note that at the time of this submittal, the <i>Ed: Your Friend in Learning</i> platform only supports the deactivation and/or removal of user accounts and associated PII data.
X		8. Data is encrypted in transit. If yes, indicate which protocols are supported.	All user data in-transit are protected by TLS 1.2.
X		9. Data elements are encrypted at rest (i.e., in a database or file system) If yes, specify which data elements are encrypted.	All customer data are secured and encrypted using standard Internet protocols, and data at rest are stored behind AES-256 encryption algorithms.
	X	10. The student data privacy pledge has been agreed upon. Please provide link to verifying document and/or your student privacy policy.	Houghton Mifflin Harcourt is a signatory of the <i>Student Privacy Pledge</i> . Proof is provided at https://studentprivacypledge.org/signatories/ .
X		11. The product conforms with FERPA regulations.	Please see https://www.hmhco.com/privacy-policy-k12-learning-platforms .
	X	12. A third-party has evaluated the product for FERPA compliance. If yes, provide a link to the report.	

Yes	No		Additional Information
	X	13. The product employs rule-based security. If yes, provide a link to detailed information and supporting documents.	
	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.	Safe Harbor Certification is a requirement of the European Union, and is not applicable to HMH products in the United States. Please refer to HMH's K-12 Privacy Policy at https://www.hmhco.com/privacy-policy-k12-learning-platforms for details on our COPPA compliance.
	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.	See below	See below	See below	See below	See below	See below	See below	See below

HMH is an active contributor to the IMS Global community, and is committed to supporting the Interoperability needs of our customers who use third-party content and assessment platforms. At present, HMH offers the following options:

HMH Common Cartridge Product Package: Each program package contains files certified at CC v1.2 and CC v1.3 Thin Profile. These files bundle deep-level links to all program resources that can be accessed via an LTI 1.0 launch and displayed in an iFrame on the third-party platform. It also includes files certified at QTI v2.1, which allow assessment content from the Core program to be loaded into the customer's assessment platform. These CC and QTI files may be used with any third-party platform that supports ingestion and use of files which meet these IMS Global specifications. Please be advised that when accessing program content from a third-party platform, program management and functionality are governed by proprietary design of that platform. For CC, this can include the way folder structures are rendered, how standards are handled, etc. For assessments, platforms vary in how they import and manage media files or compliant question types and interactions that are not specifically part of the design of their system, even though the package is validated at QTI 2.1.

LTI Advantage Integration: As a certified LTI Advantage Complete Tool Provider, HMH will offer integrations for Canvas users beginning in 2020. Additional integration development is planned for other platform providers after that.

Google Classroom Integration: The Google API on HMH's *Ed: Your Friend in Learning* web-based platform allows teachers to create assignments in Google Classroom to specific pages within the Student eTextbook.

Standards Compliance	SIF	CEDS	EDUPUB	Ed-Fi	Xapi	IMS Global	Other:
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Please list below

Is the product compliant with one or more specific standards? Check all that apply.							X	
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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	X		

Is this product IMS Certified? If so, list the standards under which it is certified:

HMH Common Cartridge product package are compliant to the following IMS interoperability technical specifications: CC v1.2 (Thin Profile), CC v1.3 (Thin Profile), and QTI v2.1, and achieve certification prior to release. CC/QTI content implemented beginning BTS 2020 will also align with CASE. Please refer to https://site.imsglobal.org/membership/members/houghton-mifflin-harcourt/37301?from_cert=true for a listing of all active HMH certifications. Additional certifications apply to certain implementations, including OneRoster v1.1 and LTI Advantage Complete Tool Provider.