

# 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	HMH Into Literature Texas	Grade Level(s)	9–10

## 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. <b>There is an offline app available for content, though it does not offer the full system functionality available in the online version. Content must be downloaded in advance of any internet disruption to be available in the app.</b>
	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. <b>We support Google SSO as well as Classlink SSO (Classlink an support multiple IDP protocols)</b>
X		8. The product uses the Texas Student Data System (TSDS) with unique IDs for students and staff. <b>The program allows you to enter whatever unique student and Staff Id you determine you want loaded.</b>
X		9. Other accounts can be created for support staff.
X		10. Content is exportable. If yes, specify formats: <b>The program as a whole is not exportable, 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.</b>
X		11. Content is printable. <b>Select resources are printable or have printable equivalents.</b>
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 and averaging around 3 mins in length</u> Number: <u>~50-60 per grade level (depending on number of texts)</u>
	X	14. The product contains animations. <b>There are embedded videos in HTML5 compliant formats, but not animations.</b>
	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. <b>Access via Online Platform:</b> Different types of program assessments are both embedded and available as stand-alone assignable elements of this comprehensive program. <b>Access for LMSs:</b> 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. 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

**NOTE:** Full HMH compatibility matrix can be reviewed here: <https://customercare.hmhco.com/csrportalnew/pts/platforms/>

*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 system 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 type="checkbox"/>	Android 7.1 and above (7"+ screen)	Chrome OS (recommended)
Mac	<input checked="" type="checkbox"/>	Mac 10.13	Mac 10.14
iPhone	<input type="checkbox"/>		
iPad	<input checked="" type="checkbox"/>	iOS 11 & 12 (7"+ screen)	iOS 11 & 12 (7"+ screen)
Android phone	<input type="checkbox"/>		
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"/>		

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						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 full programs
	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?	

Yes	No	Feature/Requirement/Specification	Additional Information
	X	6. Technical support is provided to districts during initial set-up and deployment. If yes, specify type of support provided.	
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: 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: <a href="mailto:techsupport@hnhco.com">techsupport@hnhco.com</a>; Webform Support Request Tool: <a href="http://hnhco.force.com/customercase">http://hnhco.force.com/customercase</a>; Technical Support Site: Customers can access user guides, helpful articles, and more on HMH's Technical Support site at <a href="https://customercare.hnhco.com/product/techsupport/CCTechSupportLandingPage.html">https://customercare.hnhco.com/product/techsupport/CCTechSupportLandingPage.html</a>; Technical Support Library: <a href="https://customercare.hnhco.com/">https://customercare.hnhco.com/</a> (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</i> Teacher Help site, and the Help button on student accounts leads to the <i>Ed</i> Student Help site.</p>

#### 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, Classlink SSO, District-based usernames and passwords as well as district-based usernames and end user set passwords.
X		2. Passwords can be reset without assistance from technical staff.	

Yes	No		Additional Information
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 <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .
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 <a href="http://downloads.hmlt.hmco.com/Help/ImportMn/gmt/Administrator/#t=Getting_Started%2FOpening_Import_Management.htm">http://downloads.hmlt.hmco.com/Help/ImportMn/gmt/Administrator/#t=Getting_Started%2FOpening_Import_Management.htm</a> 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 specific subject 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 this time
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 <a href="#">student data privacy pledge</a> has been agreed upon. Please provide link to verifying document and/or your student privacy policy.	Houghton Mifflin Harcourt is a signatory of the Student Privacy Pledge. Proof is provided at <a href="https://studentprivacypledge.org/signatories/">https://studentprivacypledge.org/signatories/</a> .
X		11. The product conforms with FERPA regulations.	Please see <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .
	X	12. A third-party has evaluated the product for FERPA compliance. If yes, provide a link to the report.	Please see <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .
	X	13. The product employs rule-based security. If yes, provide a link to detailed information and supporting documents.	Please see <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .
	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.	Please see <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .
	X	15. The product allows a download of LEA-generated data (including usage data) without manual intervention by product staff.	Please see <a href="https://www.hmhco.com/privacy-policy-k12-learning-platforms">https://www.hmhco.com/privacy-policy-k12-learning-platforms</a> .

## 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 specification. 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 Ed: Your Friend in Learning 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: 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 also aligns with CASE.

Please refer to [https://site.msglobal.org/membership/members/houghton-mifflin-harcourt/37301?from\\_cert=true](https://site.msglobal.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