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.

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		Students access materials online but the materials are not designed to be completed online.
In what ways do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?		x			All materials are accessible online and able to be downloaded. We currently do not have an integrated LMS but teachers can send handouts to google drive and easily upload them to Google Classroom. The curriculum was initially designed to be used in classrooms. Teachers have experienced success also using the materials for remote learning. Some schools have printed packets for their students and some have posted lesson content online via Google Classroom or other platforms.

Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	x				Materials can be downloaded and printed from the site.
Is there instruction so students can work independently (or with an adult at home)?	x				Each lesson includes clear, time-stamped guidance for engaging students with the text or task. Lessons include key moments for text analysis with recommended Supports for All Students to ensure every student can access the text or task. Sample student responses are included for Target Tasks, which can be accessed by parents/guardians at home through a free Fishtank Learning account, as a guide of what students should be able to produce by the end of the lesson.
Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?	x				Fishtank materials are highly customizable. Teachers can adjust lesson pacing and unit placement as needed. There is no technology to differentiate automatically based on student responses. The technology does not provide any recommendations to the teacher regarding how to differentiate the content.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	x				Fishtank units include comprehensive intellectual preparation support through Unit Launches. Each Unit Launch includes a combination of short videos, guided standards-analysis, and in-depth review of core texts to help educators understand materials and effectively prepare for instruction. There are also Teacher Tools that help educators understand the components of a

					Fishtank Lesson and how to plan for a unit and a lesson.
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?			X		
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 purchaser of the Fishtank Plus account has access to all materials. Students and parents/guardians can access the free components of the curriculum as Fishtank's free curriculum is an Open Educational Resource.
Are the materials designed to integrate with a Learning Management System (LMS)?	X				Materials can be integrated with Google Classroom but do not need to be integrated for teacher use. Additionally, teachers can use this integration to provide students with access to student facing materials including lesson handouts, exit tickets, and assessments.
Does all content conform to the [National Instructional Materials Accessibility Standard](#)?			X		
Is technical support during day-to-day use primarily the responsibility for the client or the publisher?					The client

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	
Are the materials designed to be used with both digital and print components? 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?	**x**				If yes, ● What are the print options? (check all that apply) _____ Purchase hard-copy books/workbooks ___x___ Photo copies available for purchase ___x___ Users can print at home ● Add any additional details. Materials are designed to be used as either digital components when integrated with an LMS, as print when downloaded and given to students as a hard copy, or in a combination of both. Print content is identical to the digital material.

Question					Notes
Is the digital design of the materials intended to replicate a textbook experience?			X		
Are digital teacher guides available for the materials?	x				Teachers have access to guidance for each unit and lesson on the Fishtank website. Fishtank Plus gives them access to Enhanced Lesson Plans which provide detailed, time-stamped, guidance to most effectively use the materials including strategies to Support All Students, Building Background Knowledge, and opportunities for extension. Teacher planning materials are directly connected to the student facing materials including Target Tasks, Key Questions, and Exit Tickets to ensure teachers are fully prepared for each lesson.
Do the materials contain videos/animations/simulations for student learning?			X		
Is any or all online content dependent on links that are not maintained by the publisher?	x				Links are included to additional content that builds further background knowledge on topics or extends student learning. These links are to trusted sites.
Do the materials include opportunities for online collaboration among students?			X		
Do the materials include built in features for student-to-teacher interaction?			X		
Is a 1:1 device ratio required?			X		
Are the assessments contained within the materials able to be securely completed by students online?			X		
Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?	x				Data is available on teachers' use of the curriculum including page views, log-ins, downloads, and completion of Unit Launches, but not for students.

Are there online professional learning supports to help teachers utilize the materials?			x			Professional Learning is available for individual teachers and school-based teams. Educators can participate in our Launch Series which introduces new teachers to Fishtank ELA and how to most effectively employ it, our Writing Intensive Series, or our Propel Sessions which covers additional topics including Embedding Foundational Skills Supports and Centering Student Voices. Additionally, Fishtank's Unit Launches provide comprehensive intellectual preparation guidance to ensure teachers deeply understand materials and how to effectively use them in the classroom. Teachers also have access to the Fishtank library of Teacher Tools that provide instructional strategies to get the most out of Fishtank curriculum and guidance to support all students through Tools including Preparing to Teach Fishtank ELA, Supporting English Learners, and Progress Monitoring and Assessment.
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			Parents/Guardians can access the Open Educational Resource material with a free Fishtank learning account but would not have access to the additional resources available with a Fishtank Plus account.

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				x				

systems? Check all that apply.									
If the materials integrate with any of the LMS above, include information here about any additional costs and which version of your materials and the LMS was tested.									

System Access

System access questions address how users access the digital materials and what kind of logins/passwords are accepted/supported/required.

* 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	
Is single sign-on supported?	X				Sign in with Google is supported
Can the platform manage staff assigned to multiple schools with a single sign-on?	X				Individual teachers have accounts with Fishtank Learning rather than the school itself.
Can co-teachers be assigned to multiple classes?			X		
Can students who move between teachers or schools using the same materials be					NA - No student progress is saved on our platform.

re-assigned without losing their work/progress?					
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	x				
Can passwords be reset without assistance from trained IT staff?	x				
When working offline, does the product automatically sync when a connection is re-established?					NA

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.

* 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.

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				Tech support should not be necessary, however Fishtank Learning responds to technical issues raised by teachers in day-to-day use within 48 hours. Additionally, we provide tech support to schools

Questions					Details
					and districts setting up access for their school based teams.
Is technical support provided during the duration of the contract?	x				Fishtank Learning responds to technical issues raised by teachers in day-to-day use within 48 hours.
If utilizing a free or trial version, is technical support provided?	x				
Are there self-service supports for troubleshooting?	x				Teachers can access Fishtank Learning's FAQs page for support.
Does technical support include planning for emergency access and district support?			x		

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.

* 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	LMS Dependent	**No**	Under Development	
Does the product have a native mobile application?			x		
Is the product browser-based?	x				

Does the product use responsive design for rendering on smartphones?	**x**				
Does the product use responsive design for rendering on tablet devices?	**x**				
Does the product use responsive design for rendering on laptop devices?	x				
Does the product use responsive design for rendering on desktop devices?	x				
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				Teachers have access to their Fishtank Plus account by logging in on any device but cannot be logged into multiple devices concurrently. Students/Parents/Guardians can access the free version of Fishtank Learning using their individual log-ins on any device they choose.

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			Our content is browser based so dependent upon the browser version and not the OS version.
Linux	x			Our content is browser based so dependent upon the browser version and not the OS version.
Windows Tablet	x			Our content is browser based so dependent upon the browser version and not the OS version.
Apple Laptop/Desktop	x			Our content is browser based so dependent upon the browser version and not the OS version.
iPhone	x			Our content is browser based so dependent upon the browser version and not the OS version.

iPad	x			Our content is browser based so dependent upon the browser version and not the OS version.
Android Phone	x			Our content is browser based so dependent upon the browser version and not the OS version.
Android Tablet	x			Our content is browser based so dependent upon the browser version and not the OS version.
Chromebook/Chrome OS	x			Our content is browser based so dependent upon the browser version and not the OS version.
Amazon Fire OS	x			Our content is browser based so dependent upon the browser version and not the OS version.
Other E-Reader	☐			
Interactive Whiteboard	☐			

Browser		Operating System						
		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	21	83	21	83	83	83	
Firefox	x	28	77	28	77	77	77	
Safari	x	6.1	13					
Edge (formerly Internet Explorer)	x	12	83	12	83	83	83	
Internet Explorer	x	8	11	8	11	11	11	

| Other:__Brave | x | | 1 | | 1 | 1 | 1 | |

Additional Notes: We use a variety of build systems to make sure that our CSS and JS polyfills for all browser types

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		
Text Readers			x		
Adjustable Print Size			x		
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				
Alternative Input Devices			x		

	Yes	No	Under Development	If yes,
High Color Contrast Display Options			X	
Translation of Text to Other Languages		X		If yes, ● Specify available languages
Bilingual Dictionaries available for students			X	
Are there required accessories (headsets, speakers)?			X	If yes, ● Specify if they are provided with the materials or must be acquired separately.
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
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.

	Check Only One			
Questions	Yes	No	Under Development	Details

Feature/Requirement/Specification	Yes	No	Under Development	Details
Data Security: Are data elements encrypted at rest, i.e. in a database or file system?	x			We encrypt all user passwords. We use a PBKDF2 algorithm with a SHA256 hash
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?		x		We use hyperlinks to a variety of other resources for the teachers to use
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		
Privacy: Does the product/vendor make their student privacy policy publicly available?		x		Because no student data is retained
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		Because no student data is retained
Privacy: Has a third-party evaluated the product for FERPA compliance?		x		
Privacy: Does the product allow registration or data collection from children under the age of 13?		x		

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		It is a browser based product that doesn't require download. We are looking to develop a service worker

				so that the content can be referenced without an internet connection. Also, you can download the PDF of the content as a one time effort.
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			Only if the network is set up so that the network administrator needs to approve a domain.
Does the product support deployment through Mobile Device Management (MDM) systems?		X		
Does the product provide a detailed schedule of updates that minimizes access interruption?		X		
Does the login authentication use district protocols to establish unique and memorable usernames and passwords?		X		We use emails as our usernames and passwords are self-selected by the user.
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.
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)		If checked, include where customers can verify this information.
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))		If checked, include where customers can verify this information.
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)		If checked, include where customers can verify this information.
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?	900ms
What is the required bandwidth per user?	Each page is around 2mb, so it would be dependent upon the amount of pages they visit and if they decide to download the materials as a PDF/Zip. Unit level zips are around 15mb and lesson level zips are around 1mb each.
Are results of stress tests provided to customers?	● No

Is a disaster recovery plan for data provided to customers?	No - although we keep daily backups of our databases
Are customers provided with a standardized implementation plan to ensure a successful rollout?	No
Does the service level agreement include uptime guarantees of at least 95% excluding planned maintenance/down-times?	NA
Does the product require a VPN for off site 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.