edreports.org

Instructional Materials Technology Information

Title: Match Fishtank ELA

Content Area: ELA

Publisher: Match Education

Grades: 3-5

Copyright: 2018

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.

Table of Contents

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		
Do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?		X			• The curriculum was initially designed to be used in classrooms. Teachers can also teach the content via video chat and assign reading and questions to students via other platforms.
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?		X			Teachers can create materials using the content that can be printed for use in class or at home.
Is there instruction so students can work independently (or with an adult at home)?		X			• Teachers can use the guidance in the lesson plan to record videos of themselves teaching the lesson or teach the lesson synchronously on a video chat.

edreports.org

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, however there is considerable guidance through the materials describing how teachers can differentiate to support a range of different learners.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	X				Teachers have access to our Teacher Tools which provide guidance on how to use the curriculum resources.
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?	X				Parents/ guardians have access to our Teacher Tools which provide guidance on how to use the curriculum resources.
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				Teachers, parents and students have access to the free curriculum resources on our website.
Are the materials designed to integrate with a Learning Management System (LMS)?			X		
Does all content conform to the National Instructional Materials Accessibility Standard?			X		

| Is there technical support available during day-to-day use? | | X | | | | Is it primarily the responsibility of the client or the publisher?
Match Fishtank responds to technical issues raised by teachers in day-to-day use within 48 hours. |

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.

* 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 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		

edreports.org

Is the digital design of the materials intended to replicate a textbook experience?			X		•
Are digital teacher guides available for the materials?	X				• All of Fishtank is a digital teacher guide - it is a teacher facing product. • Parents and guardians can look at Match Fishtank content at home on the website. • There is no student facing website at this time.
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		•
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		•
Are there online professional learning supports to help teachers utilize the materials?	X				• There are notes for teachers within the lessons and there are many Teacher Tools available online that describe how to use the curriculum.

edreports.org

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 have full access to Match Fishtank curriculum on our website. It is easy for parents to navigate to see the learning objectives, key questions and target tasks of every lesson as well as the unit assessments and vocabulary resources.

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.								
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 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	
Is single sign-on supported?	X				• Sign in with Google is available
Can the platform manage staff assigned to multiple schools with a single sign-on?			X		Each teacher has their own account to sign in.
Can co-teachers be assigned to multiple classes?			X		• This feature is not applicable. There are no classrooms on Match Fishtank.
Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?					No student progress is saved on our platform.
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	X				• Teachers and Administrators each can have their own account.

| Can passwords be reset without assistance from trained IT staff? | X | | | | • Only teachers/ administrators have Match Fishtank accounts and teachers can reset their password anytime. |
| 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 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.

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				• Very little technical support is needed for initial set-up. Teachers create their own accounts. If they have trouble they can submit an issue on our website through the Contact Us feature or by sending an email to info@matchfishtank.org We respond to all issues within 24 hours Monday through Friday

Is technical support provided during the duration of the contract?	X				• Anyone experiencing difficulty can submit an issue on our website through the Contact Us feature or by sending an email to info@matchfishtank.org • We respond to all issues within 24 hours Monday through Friday.
If utilizing a free or trial version, is technical support provided?	X				See above
Are there self-service supports for troubleshooting?			X		•
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 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	
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				● No additional software downloads are necessary

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	✔			Our content is browser based so dependent upon the browser version and not the OS version.
Linux	✔			"
Windows Tablet	✔			"
Apple Laptop/Desktop	✔			"
iPhone	✔			"
iPad	✔			"
Android Phone	✔			"
Android Tablet	✔			"
Chromebook/Chrome OS	✔			"
Amazon Fire OS	✔			"
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	✓	21	83	21	83	83	83	
Firefox	✓	28	77	28	77	77	77	
Safari	✓	6.1	13					
Edge (formerly Internet Explorer)	✓	12	83	12	83	83	83	
Internet Explorer	✓	8	11	8	11	11	11	
Other:_____	✓		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		
High Color Contrast Display Options				X	
Translation of Text to Other Languages			X		
Bilingual Dictionaries available for students			X		
Are there required accessories (headsets, speakers)?					

edreports.org

Match_Education_Match_Fishtank ELA _3-5_2018_Tech_6_2020

Back to Top

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.

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			• 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		• 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		• 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			Multiple licenses can be purchased by a school.

edreports.org

Standards Compliance/Certification	Check all that apply	Details
SIF		
CEDS		
EDUPUB		
Ed-Fi (SIS/ODS)		
Ed-Fi (Assessments)		
MS Global (Competencies and Academic Standards Exchange)		
IMS Global (Comprehensive Learner Record)		
IMS Global (Open Badges)		
IMS Global (One Roster)		
IMS Global (Caliper Analytics)		
IMS Global (Question and Test Interoperability (QTI))		
IMS Global (Learning Tools Interoperability (LTI))		
IMS Global (LTI Advantage)		
IMS Global (Common Cartridge)		
IMS Global (Lite Common Cartridge)		
IMS Global (Open Video)		
Other:		

edreports.org   Match_Education_Match_Fishtank ELA _3-5_2018_Tech_6_2020

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?	N/A
Does the product require a VPN for off site access?	No