Instructional Materials Technology Information

Title: Open Up Resources 6-8 Math

Content Area: Math

Publisher: Open Up Resources

Grades: 6-8

Copyright: 2017

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

edreports.org

Open_Up_Resources_Illustrative_Mathematics_6-8_2017_Tech_6_2020

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				• Note if this is within the native materials system or if it requires LMS integration or other integrated software. It is within the native materials • Does online work require a 1:1 device ratio? Yes • Does each student need a continuous reliable internet connection to use all materials features? Yes
Do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?		X			• Kiddom allows teachers to provide feedback, manage/distribute curriculum, grade, etc in the platform to support both in-person models and remote learning. The range of content and functionality can be used in and out of the different models. Note: The Kiddom platform is free until August and will then be offered as a purchase.

Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	X				
Is there instruction so students can work independently (or with an adult at home)?			X		
Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?		X			If yes, • Does the technology itself differentiate based on student responses? With a combination of "Auto Grading" and teacher-based grading, teachers can differentiate using standards-based mastery groups. • Does it provide feedback to students directly as they complete assignments? Students see their grades when all grading is completed, as well as commenting and any audio/video recordings teachers leave as feedback, with the opportunity to initiate more communication with their teacher. • Does the technology provide recommendations to the teacher? Beyond autograding, standards-based mastery groups are automatically created as differentiation groups for the teacher.

edreports.org

					● What control does the teacher have over the content? (e.g., Can changes be made to a question's wording? Can teachers choose specific reading selections?)Teachers have full editing capability on the curriculum as well as the ability to supplement with 3rd party or self generated content. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?			X		There are video tutorials and supports for using the Kiddom platform but not on how to use the curriculum itself. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?			X		If yes, ● Are parent supports available in multiple languages? Specify which languages. ○ There are video tutorials and supports for using the Kiddom platform but not on how to use the curriculum itself. Spanish NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

Question						Notes
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			If yes, ● Is activity within the system tracked and who can see this data? Yes, Kiddom team can. ● What can be viewed? Student work? Grades? Unit/lesson/assignments/readings? Guardians have access to reports and grades for any relevant students. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Are the materials designed to integrate with a Learning Management System (LMS)?		X				If yes, ● Are the full materials accessible outside of an LMS? The materials were designed to live in Kiddom, which already offers all of the feature sets a state of the art LMS could offer. No additional LMS required. ● Can they be modified once they are imported or are they static? Kiddom offers full editability of curriculum. The materials available for free on the Open Up Resources website are free and designed to integrate with an LMS. The other option, which allows more flexibility is using the Kiddom platform. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Does all content conform to the [National Instructional Materials Accessibility Standard](#)?	X					
Is there technical support during day-to-day use?	X					Is it primarily the responsibility of the client or the publisher? Client

edreports.org

Section 2: Technology Checklist

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				If yes, • What are the print options? (check all that apply) __X___ Purchase hard-copy books/workbooks ___X__ Photo copies available for purchase __X____ Users can print at home • Add any additional details. The materials were designed to be used in both an in-person or blended model. Some of the lessons contain digital applets and these materials are also offered in a print version.

Is the digital design of the materials intended to replicate a textbook experience?			X		If yes, ● Specify format (e-book, PDFs).
Are digital teacher guides available for the materials?	X				If yes, ● How do teachers access digital teacher guides? They're available via the Kiddom platform for teacher accounts ● Are guides available to parents/guardians at home? No ● Do teacher planning materials connect to student-facing lessons? Yes ● Are there any additional costs for these resources? No
Do the materials contain videos/animations/simulations for student learning?	X				If yes, ● Specify frequency (every lesson, some lessons, only teacher support, both teacher and student). This varies and is found in some lessons (digital applets). ● Are these native to the materials or accessed by links that lead to other sources not maintained by ● ● the publisher? Native to the materials but they do use Desmos and GeoGebra.
Is any or all online content dependent on links that are not maintained by the publisher?			X		If yes, ● Detail permissions the district may need to set to ensure access to this content (age restriction bypass, specific URL permissions etc.).

Do the materials include opportunities for online collaboration among students?		X			If yes,
					   • Describe these opportunities.
					   • If a lesson or activity requires breakout groups, Kiddom will have the ability to support groups of students.
					   • Students are able to communicate via teacher monitored chat groups, or synchronously during a virtual classroom session.(in dev)
					NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

Do the materials include built in features for student-to-teacher interaction?		X			If yes,
					   • Describe these opportunities.
					   • Yes, there are pieces of the material that encourage collaboration between student and teacher. There are numerous avenues for interactions between students and teachers. There are asynchronous chat and audio/video calling features, within individual assignments and at a class level. There is a synchronous 1:1 communication (audio/video calling) and a virtual classroom experience.
					NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

Is a 1:1 device ratio required?	X				If no, • Include recommended device ratio.

Are the assessments contained within the materials able to be securely completed by students online?		X			If yes,
					   • Is this true of all assessments?
					      ○ Yes
					   • Are assessments editable by teachers?
					      ○ Yes
					NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?		X		If yes, • How is this gathered and reported? Data is anonymized and gathered using Segment. • Who has access to this data? Kiddom product and engineering teams. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Are there online professional learning supports to help teachers utilize the materials?			X	If yes, • Describe these supports and any associated additional costs. PL is not offered online, but there are many types of virtual PL such as training sessions, coaching, PLCs and the cost varies.
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	If yes, • Please include details such as if there are: - Sample schedules - Instruction guides - Classroom management suggestions - Feedback options There will be parent / guardian resources available soon, as they are in development now.

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.	X	X	X	X	X	X	X	Kiddom offers all of the feature sets a state of the art LMS could offer. The materials can integrate with an LMS, for an added service fee
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. All of the materials have been tested with the current version.								

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			If yes, List which single sign-on methods/tools are supported (e.g., Clever, ADFS, Google, etc…). Clever, Google NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Can the platform manage staff assigned to multiple schools with a single sign-on?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Can co-teachers be assigned to multiple classes?		X			If yes, • Describe this process. Co-Teachers can collaborate on curriculum by invitation and can collaborate with multiple teachers. • Is it managed at the teacher, school administrator, or network level? Teacher NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?		X			If yes, • What roles can be assigned within the system and how are permissions/access controlled? We provide admin level account access through the Kiddom platform. • Specify if this is part of a standard contract or would require additional purchase. Standard NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Can passwords be reset without assistance from trained IT staff?		X			If yes, • Describe if the customer is able to enable/disable this feature. No • Detail for whom (students, teachers, all staff). All kiddom accounts NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
When working offline, does the product automatically sync when a connection is re-established?			X		

edreports.org

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			If yes, ● Specify type of support provided. Clients get access to the Customer Success team for personalized guidance. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Is technical support provided during the duration of the contract?		X			If yes, ● Specify the type of support provided and the audience. Clients can reach out via chat, email, or video call in addition to the help site. ● Include where users get tech support. Help and support services are built into the platform. ● Can students access on-demand technical assistance? No. Parents? No. Teachers? Yes Is this through a ticketing system or live chat? Live chat ● What hours is help available? 8am-8pm ET

edreports.org

					● Is there a response time guarantee? Response time average is 3.5 minutes, team goal is under 5 minutes. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
If utilizing a free or trial version, is technical support provided?	**X**				
Are there self-service supports for troubleshooting?			**X**		If yes, ● Specify the type/form of support provided. Kiddom has an extensive self serve help site, and users can reach out via chat or email. NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
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			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Is the product browser-based?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Does the product use responsive design for rendering on smartphones?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Does the product use responsive design for rendering on tablet devices?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Does the product use responsive design for rendering on laptop devices?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Does the product use responsive design for rendering on desktop devices?		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

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		If yes, • Are additional software downloads or licenses necessary? No NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

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	8	10	
Linux	X	Ubuntu 12	18	
Windows Tablet	X	8	10	
Apple Laptop/Desktop	X	10.10	10.15	
iPhone	X	10	13	If supported, provide details about any differences between devices.
iPad	X	10	13	
Android Phone	X	5	10	If supported, provide details about any differences between devices.
Android Tablet	X	5	10	
Chromebook/Chrome OS	X	43	83	
Amazon Fire OS	☐			
Other E-Reader	☐			If supported, specify which e-readers are compatible.
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	48	83	48	83			
Firefox	X	45	77	45	77			
Safari	X	9	13	x	x			
Edge (formerly Internet Explorer)	X	44	83	44	83			
Internet Explorer	X	n/a	n/a	11	11			
Other:_____	☐							
Additional Notes:								

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			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Screen Magnification Software		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Text Readers		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Adjustable Print Size	X				
Speech Input Software		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Header Point Devices		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Motion/Eye Tracking Devices		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Single Switch Entry Devices		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Braille Readers/ Display Devices		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Closed Captioning			X		
Alternative Input Devices		X			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.

					NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
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			NOTE: The Kiddom platform is free until August and will then be offered as a purchase.
Can students adjust the speed of audio/video playback?			X		
Are these accessibility supports able to be turned on/off?			X		If yes, ● Specify which supports and who has access to turn them on/off.
Does all browser-based technology satisfy the Web Content Accessibility Guidelines or VPAT?				X	We support this framework, and intend to apply for the certification. If yes, ● Provide reports from the software or organization used to test the product.

edreports.org

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			If yes, ● Specify which data elements are encrypted. ● Describe the encryption method used. ● Identify data that are persisted without encryption. All data elements are 100% encrypted at rest using AES 256 bit cypher
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?		X		If yes, ● Is it a closed system? If no, how does it direct out of the environment?
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			If yes, ● List all data elements that customers are required to provide. Full name, email ● List all data elements that are optional for customers to provide. School (for teachers) ● List all data elements created by the product. Report cards ● List all data elements stored in any of the product's systems. Full name, email, School, Report cards

Feature/Requirement/Specification	Yes	No	Under Development	Details
Privacy: Does the product/vendor make their student privacy policy publicly available?	X			If yes, • Provide a link to the policy in the details. https://www.kiddom.co/privacy/
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			
Privacy: Has a third-party evaluated the product for FERPA compliance?		X		If yes, • Identify the third party who conducted the evaluation and provide a link to the report. While they haven't evaluated our FERPA compliance, Kiddom is a proud signatory of the Student Privacy Pledge https://studentprivacypledge.org/signatories/
Privacy: Does the product allow registration or data collection from children under the age of 13?	X			If yes, • Provide a link to the COPPA Safe Harbor certificate. Students can only register with an invitation from their teacher.

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	X		Not for web, but Mobile apps do require installation
Is the product installed on individual computers (from CD-ROM/DVD, flash drive, etc.): no internet connection required?			X	If yes, • Estimate time per device required for setup, indicate if support is provided, and if local IT staff is needed.

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			If yes,
				  ● List requirements and specify if set-up support is provided. Support is provided
				  ● Kiddom.co
				  ● tinymce.com
				  ● cdn.tiny.cloud
				  ● cdn.jsdelivr.net
				  ● wiris.net
				  ● amazonaws.com
				  ● cloudfront.net
				  ● cloudflare.com
				  ● intercomcdn.com
				  ● intercom.io

Does the product support deployment through Mobile Device Management (MDM) systems?	X			If yes, ● Identify which systems are compatible. iOS, Android
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			If yes,
				  ● Indicate if district staff/student unique IDs are used. SIS IDs, email
				If other,
				  ● Specify the protocols.

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)	X	If checked, include where customers can verify this information. https://site.imsglobal.org/certifications/kiddom/kiddom
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?	0.78 seconds
What is the required bandwidth per user?	384 kbps
Are results of stress tests provided to customers?	No, internal only. If yes, ● Provide either a link to the stress testing report or a summary of the results.
Is a disaster recovery plan for data provided to customers?	No
Are customers provided with a standardized implementation plan to ensure a successful rollout?	Yes
Does the service level agreement include uptime guarantees of at least 95% excluding planned maintenance/down-times?	No, however, our historical uptime as of now is 99.97%
Does the product require a VPN for off site access?	No

edreports.org

Open_Up_Resources_Illustrative_Mathematics_6-8_2017_Tech_6_2020