edreports.org

Instructional Materials Technology Information

Title: Amplify Science

Content Area: Science

Publisher: Amplify

Grades: 6-8

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				The Amplify Science curriculum website (native to the program) hosts all lesson content, media, sims, science articles, and more. The curriculum website is intuitively organized and accessible from any supported device from any location, making it user friendly and easy to use for both teachers and students. If using the curriculum website to submit work, a 1:1 device ratio is needed. If using the digital components of the program in conjunction with paper-based materials, a 1:1 device ratio is not required. If using the curriculum website to submit work, a continuous internet connection is required. However, if using paper-based materials in conjunction with the curriculum website, an internet connection would only be necessary for activities in which an app is used (e.g. Simulation, Modeling

					Tool, etc.). Read more about our low-tech, remote learning offerings below.
Do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?				X	To make extended remote learning and hybrid learning easier, we are launching a new remote learning solution called Amplify Science@Home. With Amplify Science@Home, teachers gain access to educator-led videos of Amplify Science lessons taught remotely (called @Home Videos), as well as a curated selection of key activities from each Amplify Science unit that have been optimized to work in no-tech, low-tech, and high-tech scenarios (called @Home Units). @Home Videos and the @Home Units for the first units of the year are due to launch August 17. Both are free and available to all customers. @Home Units will continue to roll out over the course of the year.
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?				X	The core product allows teachers to print investigation notebooks, where students record their responses to lesson activities. However, a better experience for students is under development with the @Home Units, each of which includes printable student packets designed for at-home student use.

Is there instruction so students can work independently (or with an adult at home)?				X	Instruction for students to work independently is provided in two formats: 1) pre-recorded videos of teachers teaching slightly modified versions of Amplify Science lessons ("@Home Videos") and, 2) downloadable student packets or student slides with written student-facing instructions for the @Home Units. Amplify Science@Home materials contain instruction for lessons that have been optimized for use in a remote learning setting. The @Home Units highlight key activities from the Amplify Science unit that have been optimized for remote learning and take significantly less time to complete compared to the original Amplify Science program, whereas the @Home Videos feature the complete Amplify Science program, with slight modifications for remote learning. Adult involvement is not necessary for students using Amplify Science@Home materials.

Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?						If yes, • Does the technology itself differentiate based on student responses? • Does it provide feedback to students directly as they complete assignments? • Does the technology provide recommendations to the teacher? • 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?) Detail: • When using the traditional, full version of Amplify Science, the technology embedded in the curriculum website automatically groups students for a differentiated lesson immediately following the Critical Juncture Assessment. Differentiation suggestions are also included in the digital Teacher's Guide of every lesson. • When students submit work digitally, teachers have the ability to send scores and feedback directly to students.
		X				

					● Customizable "Classroom Slides" are being developed for every unit in the program. Teachers will have access to each units' slides on a rolling basis over the course of the 2020-2021 school year. (For the complete rollout schedule: https://amplify.com/science-coming-soon/). Teachers will have full discretion to edit these as they see fit. Additionally, we are investigating ways we can make the materials of the Amplify Science@Home resources downloadable in an editable format.
Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	X				The core product has a robust Help section, filled with articles and tutorial videos. Furthermore, a new Program Hub page will be available from within the digital Teacher's Guide this school year (launching early July). This site will include new tutorials, videos, and remote learning information that will help educators use Amplify Science in and out of the classroom.
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?		X			● A family resources website is available for parents/guardians to utilize in understanding the NGSS and the program structure, as well as materials for at home investigations. Tutorial videos that aid in navigation are also publicly available at my.amplify.com/help. ● The Amplify@Home units under development will contain guidance for teachers on

edreports.org

Amplify_Amplify_Science_6-8_2018

					engaging families in their students' remote learning. ● Some, but not all, of the parent/family resources are available in Spanish.
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				● Usage data for both teachers and students can be viewed by administrators via the soon to be released Admin Reports feature. Administrators can also access instructional information for the units their school uses via the "Shared Teacher Login" feature. ● Teachers have full access to their students' submitted work, grading, and instructional materials. ● Students (and their parents who may use their login information) have access to all of their submitted work, their grades and other feedback from the teacher, and student-facing lesson materials. This includes, when appropriate, simulations, videos, articles, and glossary.
Are the materials designed to integrate with a Learning Management System (LMS)?		X			Yes, materials are designed to integrate with standards-compliant LMSes, via interoperability standards including Thin Common Cartridge and LTI. Imported materials may be modified or interleaved with educator-created content within the LMS, depending on its capabilities. The full materials are also accessible outside of an LMS, in the Amplify platform.

Does all content conform to the [National Instructional Materials Accessibility Standard](#)?					For students who require paper materials, Amplify Science has Student Investigation Notebooks available. The notebooks contain all lesson instructions and "non-digital essential" activities for a given unit, in a pre-printed and bound book. These materials are available in the National Instructional Materials Accessibility Standard (NIMAS) format.
	X				
Is there technical support during day-to-day use?					Amplify provides technical and pedagogical support for educators. Our support team includes specialists for troubleshooting technology and former educators for matters related to instruction. They are available to answer teacher inquiries Monday–Friday 7:00AM – 7:00PM ET by phone (800-823-1969), email (help@amplify.com), and/or live chat.
	X				

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				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 Details:

edreports.org   Amplify_Amplify_Science_6-8_2018   Back to Top

					● Amplify Science is a blended program that utilizes a strategic combination of student-facing digital tools, media, and print components. Teachers have access to downloadable PDFs of all print components from their digital Teacher's Guide. These print materials are also available for purchase directly from Amplify. For most components, print and digital versions are identical (e.g., the Investigation Notebook and the student view of the curriculum website), but others, by their very nature, are not (e.g., videos, simulations) ● The Amplify Science@Home resources under development will include both digital and print options for student materials so that all students will be able to access science instruction while learning remotely. These components will be parallel in content.
Is the digital design of the materials intended to replicate a textbook experience?			X		

edreports.org   Amplify_Amplify_Science_6-8_2018

Are digital teacher guides available for the materials?	X				• Teachers access their digital Teacher's Guide by logging into the curriculum website (learning.amplify.com) with their school-administered username and password. • Guidance for understanding the program and engaging students in science at home is included for families. • There is no additional cost for these resources. The digital Teacher's Guide is included with the license.
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). • Are these native to the materials or accessed by links that lead to other sources not maintained by the publisher? Detail: • Many lessons in the traditional, full Amplify Science program include videos and/or simulations to facilitate student learning. Most videos, and all simulations, are intended to be student-facing. • All videos and nearly all simulations (see below) are native to the materials and are maintained by Amplify.
Is any or all online content dependent on links that are not maintained by the publisher?	X				One unit of the program includes the use of Google Mars, which is not maintained by Amplify. Our technical implementation team will work with the district's IT department to set up the necessary settings to ensure access for students and teachers.

Question					Detail
Do the materials include opportunities for online collaboration among students?				X	The Amplify Science @Home Units will include unit-specific suggestions for having students work together when teachers are granted synchronous instruction time.
Do the materials include built in features for student-to-teacher interaction?	X				When students work on the curriculum website, they can submit their work digitally, and that work will show up automatically in the teacher's Classwork app. The teacher then has the ability to view, score, and comment on the student's work. When the teacher chooses to send their feedback, students see it immediately in their own MyWork space.
Is a 1:1 device ratio required?			X		If no, ● Include recommended device ratio. Detail: ● While a 1:1 device ratio is not required, it is recommended that students have access to their own device while working on Amplify Science. If this is not possible, students can certainly work in pairs or small groups to complete any activities that call for the use of digital apps. All other work can be completed in paper-based Investigation Notebooks, eliminating the need for devices.
Are the assessments contained within the materials able to be securely completed by students online?	X				If yes, ● Is this true of all assessments? ● Are assessments editable by teachers? Detail: ● All core unit assessments (Pre-Unit, Critical Juncture, and End-of-Unit Assessments) can be administered digitally. To do so, teachers would unlock the assessment, allow their students time to work on it, then re-lock it

edreports.org

Amplify_Amplify_Science_6-8_2018

					once the class period is over. This precludes students from changing their responses afterwards. Every unit of Amplify Science also includes a number of embedded formative assessments, and while these are sometimes based on students' use of a digital app, they are not all online. ● At this time, teachers cannot edit assessments in Amplify Science.
Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?	X					If yes, ● How is this gathered and reported? ● Who has access to this data? Detail: ● Self-service Administrator Reports will be available beginning in August of 2020. With these reports, administrators can view an overview of teacher usage, student usage, and student performance data for the current school year.
Are there online professional learning supports to help teachers utilize the materials?	X					If yes, ● Describe these supports and any associated additional costs. Detail: ● Tutorial videos and numerous help articles are available for teachers at my.amplify.com/help. Additionally, this summer we will be releasing a new feature, called Program Hub, that will offer on-demand Professional Learning videos. The Program Hub will be available to all teachers at no additional cost.

						If yes, • Please include details such as if there are: - Sample schedules - Instruction guides - Classroom management suggestions - Feedback options Detail: • A Family Resources site is available for schools to disseminate to parents/guardians. This site goes over the NGSS, the program, and ideas for engaging students in science at home. It also includes a slide deck that can be utilized for back-to-school night or other informational settings. • When there is in-person instruction, teachers have access to Family Homework Experiences, which they can choose to assign or not. • The Amplify Science@ Home units will include guidance on involving parents/guardians in students' learning during remote instruction.
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				

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	
LMS integration is available without additional cost. Integrations are supported with the current Amplify, Canvas, Google Classroom, and Schoology SaaS-hosted versions as of June 2020.								

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				Amplify supports SSO with a variety of methods, including SAML v2.0, Active Directory Federation Services v2.x. and v3.x, and LDAP. Supported SSO integration partners include Clever, Google, ClassLink, and GG4L.
Can the platform manage staff assigned to multiple schools with a single sign-on?	X				
Can co-teachers be assigned to multiple classes?	X				Yes, co-teachers can be assigned to multiple classes, managed as part of the rostering process, which is generally configured by school or district administrators.
Can students who move between teachers or schools using the same materials be re-assigned without losing their work/progress?	X				

edreports.org

Amplify_Amplify_Science_6-8_2018

Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	X				Yes. Roles include Teacher and Administrator, at school or district level. No additional purchase is required.
Can passwords be reset without assistance from trained IT staff?	X				Amplify recommends using Single Sign On, in which passwords are managed by the LEA. If the customer chooses to use Amplify-managed passwords for staff or students, the applicable user passwords can be reset without assistance.
When working offline, does the product automatically sync when a connection is re-established?	X				

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				Amplify's Implementation Team is expressly devoted to ensuring the timely and successful set up of Amplify Science. Each district is assigned an Implementation Project Manager as a single point of contact who will coordinate materials fulfillment, software configuration, and schedule the desired Professional Learning sessions. This team will work with appropriate district representatives to enroll teachers and students into Amplify Science.
Is technical support provided during the duration of the contract?	X				Yes. Support is provided for educators and administrators. In addition to technical support, we also staff a team of pedagogical experts who support educators and administrators on questions about

					assessment administration, results analysis, and K-8 literacy instruction. Our former school leaders and teachers have a deep knowledge of the Amplify ELA curriculum and are able to support leaders and teachers on the pedagogical aspects of our solutions. By combining comprehensive technical support with access to pedagogical expertise, Amplify seeks to ensure that all users have quick, relevant answers that maximize program impact. Customer Care Analysts are available Monday through Friday, 7 a.m. to 7 p.m. ET. **Phone:** Contact Number: 1-800-823-1969 **Email:** help@amplify.com **Chat:** Customer support through chat is available directly from our applications by clicking on the Amplify Chat icon.
If utilizing a free or trial version, is technical support provided?	X					Yes, the technical support described above is provided for the duration of the trial period.
Are there self-service supports for troubleshooting?	X					Yes, Amplify supplies self-service support documentation and videos at my.amplify.com/help
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		Several of the simulations that are part of the product have native iOS versions. They are also available through the browser.
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	X				

device (e.g. computer at school and a laptop at home or a smartphone and a laptop)?				

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	Windows 10	Windows 10	
Linux				
Windows Tablet	X	Windows 10	Windows 10	
Apple Laptop/Desktop	X	OS 10.12	Latest iOS	
iPhone				
iPad	X	iOS 12	Latest iOS	
Android Phone				
Android Tablet				
Chromebook/Chrome OS	X	Latest OS	Latest 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	X	Last two versions	Current version	Last two versions	Current version	Latest 2 versions	Latest 2 versions	
Firefox								
Safari	X	11+	Current version					
Edge (formerly Internet Explorer)								
Internet Explorer								
Other:____								
Additional Notes:								

edreports.org

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				

	Yes	No	N/A		Notes
Translation of Text to Other Languages	X				All student facing text is available in Spanish in both digital and print formats. Each of these materials mirror their English counterparts in both content and quality. In addition, every unit of Amplify Science includes a glossary that contains all content-area vocabulary words in Spanish, French, Portuguese, Russian, Mandarin, Vietnamese, Haitian-Creole, Tagalog, Arabic, and Urdu.
Bilingual Dictionaries available for students	X				Please see above.
Are there required accessories (headsets, speakers)?			X		Not required. The use of speakers or headsets is recommended in the classroom for videos.
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**				If yes, ● Provide reports from the software or organization used to test the product.

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			As part of our comprehensive information security program, Amplify ensures the encryption of personally identifiable information (PII) at rest and in transit. Amplify follows OWASP and NIST guidelines in the selection and application of appropriate encryption algorithms and techniques for each data protection use case. Amplify encrypts student personal information at rest using the industry-standard AES-256 encryption algorithm.
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?		X		None of the student materials refer students to sources that are not native to the materials. The one exception is in our Geology on Mars unit where students are referred to https://www.google.com/mars/
Data Security: Does the end-user licensing agreement allow customers to scrape data from the product?			X	Amplify works with districts to facilitate export or access to data.
Privacy: Is personally-identifying student data provided to, generated by, or stored in any systems used by the product?	X			Required elements: ● First name ● Last name ● Email ● District identifier ● Student school enrollment ● Student class enrollment

edreports.org

Amplify_Amplify_Science_6-8_2018

				● Student grade level Optional elements: ● Gender ● Ethnicity or race ● English learner information ● Limited English proficiency ● Specialized education services ● School food service eligibility Created elements: ● Student generated content (responses) ● Student course performance scores Stored elements: ● All of the above
Privacy: Does the product/vendor make their student privacy policy publicly available?	X			http://amplify.com/customer-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			Amplify complies with applicable federal and state laws. In particular, at Amplify, all of our products are built to facilitate LEA compliance with applicable data privacy and security laws, including FERPA. FERPA and other regulations related to the use of student PII restrict how LEAs may share this information. Amplify facilitates compliance with such regulations by ensuring that LEAs control who can access their data. Within Amplify applications, the LEA must authorize all sharing of student PII with a third party. Amplify's Customer Privacy Policy (http://amplify.com/customer-privacy) governs the collection and use of student PII via our products, and contains additional details about those practices.
Privacy: Has a third-party evaluated the product for FERPA compliance?		X		While Amplify has not had a third party evaluation aimed specifically at FERPA compliance, Amplify conducts regular third party assessments, including successful completion of a SOC 2 Type 2 examination of controls relevant to security. The report states that Amplify's systems meet the criteria for the security

				principle and opine on management's description of the organization's system and the suitability of the design of controls to protect against unauthorized access, use, or modification.
				Amplify products are designed to work in school settings and are not offered to the general public, including children under the age of 13. The product does not allow direct registration from children under the age of 13. However, to allow for student use of the product, Amplify collects and maintains roster data from the school district that may include personal information of children under the age of 13. In addition, in the course of using the products, students interact with the program and submit work to the platform as part of their instruction.
Privacy: Does the product allow registration or data collection from children under the age of 13?			X	In compliance with the Children's Online Privacy Protection Act ("COPPA") and the FTC guidance on COPPA and Schools (Section M, FTC FAQ) governing collection, use or disclosure of personal information from students in an educational institution, Amplify as the operator agrees that the company's use of PII in the personal information and any other school data will be solely for the benefit of the students and for the school system, and that Amplify will not collect personal information from students for any purpose other than such authorized purposes, including any other commercial purpose.

edreports.org

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		Amplify Science is delivered as Software as a Service via web browser. There is nothing to install on desktop computers.
Is the product installed on individual computers (from CD-ROM/DVD, flash drive, etc.): no internet connection required?		X		Amplify Science is delivered as Software as a Service via web browser. There is nothing to install on desktop computers.
Is the product installed on LAN/WAN (school or district server): no internet connection required for teachers/students after installation?		X		Amplify Science is delivered as Software as a Service via web browser. There is nothing to install on desktop computers.
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		
Does the product support deployment through Mobile Device Management (MDM) systems?		X		Amplify Science is delivered as Software as a Service via web browser. There is nothing to install on desktop computers.
Does the product provide a detailed schedule of updates that minimizes access interruption?		X		Amplify is continually enhancing the student and staff experience. New functionality, bug fixes, and content updates are released on an ongoing basis, with zero or minimal disruption of normal operation. There are no regular "maintenance windows" of limited availability of the service. On the rare occasion maintenance or major upgrades requires some downtime, it is limited to off-hours for minimal user impact.
Does the login authentication use district protocols to establish unique and memorable usernames and passwords?	X			Amplify recommends the use of Single Sign On, in which usernames and passwords are managed by the school or district, not Amplify. If a customer selects to use Amplify-managed credentials, the email address is used as username.

		X		
Is there an option for concurrent user licensing?		X		

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)	X	Amplify provides, upon request, validated Common Cartridge files aligned to CASE standards. IMS Validation is available to customers upon request.
IMS Global (Comprehensive Learner Record)		
IMS Global (Open Badges)		
IMS Global (One Roster)	X	Amplify supports rostering with One Roster via integration partners including GG4L, ClassLink, and Clever.
IMS Global (Caliper Analytics)		
IMS Global (Question and Test Interoperability (QTI))	X	Amplify Science benchmark assessments are available in QTI format to licensed customers here: https://learning.amplify.com/assessments
IMS Global (Learning Tools Interoperability (LTI))	X	Amplify supports compliant LTI 1.1 launch links as a Tool Provider. IMS Global does not currently provide certification of LTI 1.1 implementations, but Amplify can provide validation on request.
IMS Global (LTI Advantage)	(in-dev)	Amplify expects to provide LTI 1.3 (LTI Advantage) support in 2021.
IMS Global (Common Cartridge)	X	Amplify provides , upon request, validated Common Cartridges.

IMS Global (Lite Common Cartridge)	X	Amplify provides , upon request, validated Thin Common Cartridges.
IMS Global (Open Video)		
Other:		

Implementation and Scalability	Yes/No or Value
What is the average page load time?	Amplify is delivered as a modern "Single Page Application". After initial page load (average is under 5 seconds), navigation and usage takes place within the loaded application, and is very low-latency.
What is the required bandwidth per user?	Amplify requires minimum bandwidth of 2 mbps per device during peak usage, with 10 mbps per device recommended. For more information on technical requirements, please see here: https://www.amplify.com/curriculum/requirements.
Are results of stress tests provided to customers?	No
Is a disaster recovery plan for data provided to customers?	Yes, upon request.
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. Amplify strives for industry-time reliability and performance for all of its customers. The average overall uptime over 2019 exceeded 99.9%. Formal service level commitments are subject to negotiation.
Does the product require a VPN for off site access?	Not for customers