

Kendall Hunt Publishing
OpenSciEd, Grades 6-8

MEMORANDUM OF UNDERSTANDING

CONTRACTUAL PERIOD: SEPTEMBER 1, 2023 – SEPTEMBER 30, 2029

Contract #: 4400029175

This program is offered in the following language(s):
English and Spanish

Price List



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Title	Content Area	Copyright	Age/Grade Level	Language(s) offered	ISBN	Price	Technology Requirement
OpenSciEd.org - digital access to materials are free to download	6-8 Science	2022	Grade 6-8	English/Spanish	n/a	\$0.00	Technology requirements listed below
OpenSciEd Teacher Handbook	6-8 Science	2022	Grade 6-8	English	979-8-7657-1-7004	\$10.00	n/a
OpenSciEd Unit 6.1: Why do we sometimes see different things when looking at the same object? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-7452-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.1: Why do we sometimes see different things when looking at the same object? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-6521-5	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.1: Why do we sometimes see different things when looking at the same object Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-6524-6	\$17.00	Technology requirements listed below
OpenSciEd Unit 6.2: How can containers keep stuff from warming up or cooling down? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-6532-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.2: How can containers keep stuff from warming up or cooling down? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0132-9	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.2: How can containers keep stuff from warming up or cooling down? Spanish Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0133-6	\$10.00	Technology requirements listed below
OpenSciEd Unit 6.3: Weather, Climate and Water Cycling Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-6532-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.3: Weather, Climate and Water Cycling Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-2143-3	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.3: Weather, Climate and Water Cycling Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-2144-0	\$10.00	Technology requirements listed below

OpenSciEd Unit 6.4: How and why does Earth's surface change? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8312-7	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.4: How and why does Earth's surface change? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8310-3	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.4: How and why does Earth's surface change? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8311-0	\$10.00	Technology requirements listed below
OpenSciEd Unit 6.5: Where do natural hazards happen and how do we prepare for them? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8320-2	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.5: Where do natural hazards happen and how do we prepare for them? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8318-9	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.5: Where do natural hazards happen and how do we prepare for them? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8319-6	\$10.00	Technology requirements listed below
OpenSciEd Unit 6.6: How do living things heal? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8329-5	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.6: How do living things heal? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8327-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 6.6: How do living things heal? Teacher Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8328-8	\$10.00	Technology requirements listed below
OpenSciEd Unit 7.1: How can we make something new that was not there before? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-3895-0	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.1: How can we make something new that was not there before? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-3896-7	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.1: How can we make something new that was not there before? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-6534-5	\$10.00	Technology requirements listed below
OpenSciEd Unit 7.2: How can we use chemical reactions to design a solution to a problem? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8323-3	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.2: How can we use chemical reactions to design a solution to a problem? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8321-9	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.2: How can we use chemical reactions to design a solution to a problem? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8322-6	\$10.00	Technology requirements listed below
OpenSciEd Unit 7.3: How do things inside our bodies work together to make us feel the way we do? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-6536-9	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.3: How do things inside our bodies work together to make us feel the way we do? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0134-3	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.3: How do things inside our bodies work together to make us feel the way we do? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0135-0	\$10.00	Technology requirements listed below
OpenSciEd Unit 7.4: Photosynthesis and Matter Cycling Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-2146-4	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.4: Photosynthesis and Matter Cycling Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-6537-6	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.4: Photosynthesis and Matter Cycling Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-2145-7	\$10.00	Technology requirements listed below

OpenSciEd Unit 7.5: How does changing an ecosystem affect what lives there? Spanish Student Edition	6-8 Science	2020	Grade 6-8	Spanish	978-1-7924-8317-2	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.5: How does changing an ecosystem affect what lives there? Student Edition	6-8 Science	2020	Grade 6-8	English	978-1-7924-8314-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.5: How does changing an ecosystem affect what lives there? Teacher Edition	6-8 Science	2020	Grade 6-8	English	978-1-7924-8316-5	\$10.00	Technology requirements listed below
OpenSciEd Unit 7.6: How do changes in Earth's system impact our communities and what can we do about it? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8332-5	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.6: How do changes in Earth's system impact our communities and what can we do about it? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8330-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 7.6: How do changes in Earth's system impact our communities and what can we do about it? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8331-8	\$10.00	Technology requirements listed below
OpenSciEd Unit 8.1: Why do things sometimes get damaged when they hit each other? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-6539-0	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.1: Why do things sometimes get damaged when they hit each other? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-5361-8	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.1: Why do things sometimes get damaged when they hit each other? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-5362-5	\$17.00	Technology requirements listed below
OpenSciEd Unit 8.2: How can a sound make something move? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-6542-0	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.2: How can a sound make something move? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0136-7	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.2: How can a sound make something move? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-0137-4	\$17.00	Technology requirements listed below
OpenSciEd Unit 8.3: Forces at a Distance Spanish Student Edition	6-8 Science	2020	Grade 6-8	Spanish	978-1-7924-6544-4	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.3: Forces at a Distance Student Edition	6-8 Science	2020	Grade 6-8	English	978-1-7924-2147-1	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.3: Forces at a Distance Teacher Edition	6-8 Science	2020	Grade 6-8	English	978-1-7924-2148-8	\$17.00	Technology requirements listed below
OpenSciEd Unit 8.4: Why do we see patterns in the sky, and what else is out there that can't see? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8326-4	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.4: Why do we see patterns in the sky, and what else is out there that can't see? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8324-0	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.4: Why do we see patterns in the sky, and what else is out there that can't see? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8325-7	\$17.00	Technology requirements listed below
OpenSciEd Unit 8.5: Why are living things different from one another? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8309-7	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.5: Why are living things different from one another? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-7454-5	\$6.75	Technology requirements listed below
OpenSciEd Unit 8.5: Why are living things different from one another? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8308-0	\$17.00	Technology requirements listed below

OpenSciEd Unit 8.6: How can things living today be connected to the things that lived long ago? Spanish Student Edition	6-8 Science	2022	Grade 6-8	Spanish	978-1-7924-8335-6	\$10.00	Technology requirements listed below
OpenSciEd Unit 8.6: How can things living today be connected to the things that lived long ago? Student Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8333-2	\$10.00	Technology requirements listed below
OpenSciEd Unit 8.6: How can things living today be connected to the things that lived long ago? Teacher Edition	6-8 Science	2022	Grade 6-8	English	978-1-7924-8334-9	\$17.00	Technology requirements listed below

Additional information you may want include:

- Technology Specifications (e.g., provided as a hyperlink to the specifications online, or included as a separate page)
- Brief description of the materials and any applicable limitations or conditions
- Ordering and shipping information

Price Lists are posted on the LDOE [Online Instructional Materials Review Resources](#) web page under the heading, [Instructional Materials Contract Pricing](#), and made available for school district use.

Technology Requirements: Refers to the disclosure of minimal technical requirements needed by a school or school district in order to adequately access and implement the instructional materials in the manner in which the publisher intended. The Louisiana Department of Education (LDOE) is committed to supporting districts in achieving technology readiness goals in all schools across the state. Skillful coordination and planning are required to ensure students and teachers can access high quality electronic instructional materials. Alignment between the technical specifications and local capacity supports the local allocation of resources in ways that ensure students have access to high quality instructional materials.

[Technical Specification Components:](#)

USABILITY

Questions	Yes	No	Details
Are the materials designed so that students are able to access and complete work online?	✓		Note if this is within the native materials system or if it requires LMS integration or other integrated software. We utilize the Google Suite for our student and teacher materials. Students are able to access curriculum materials as Google Docs, Slides, and Sheets. We also offer a Google Classroom version of our materials.
Does online work require a 1:1 device ratio?		✓	
Does each student need a continuous reliable internet connection to use all materials features?		✓	Google Docs can be saved to allow for online access. Some of our units rely on videos, which are hosted on YouTube. Our Remote Learning Adaptations have guidance for how to ensure students without internet access can access the necessary content in videos and engage in the learning.
In what ways do the materials support learning in hybrid settings (both in-person and remote learning) concurrently?	✓		We have created a guide for Remote Learning and Remote Learning Adaptations of our units. They can both be accessed free of charge from our website www.openscienced.org/remote-learning-adaptatio
Are tasks, activities, and lessons able to be printed either for in-class use or for use in at-home learning?	✓		All materials can be printed from either the PDF version of our materials or the Google Doc version of our materials. Both are free to download from our website.
Is there instruction so students can work independently (or with an adult at home)?	✓		We have created Remote Learning Adaptations of our units that provide guidance for students to be able to engage with our materials asynchronously. While we provide this guidance, the materials were not designed to be used in this manner and students will not benefit from the sensemaking that comes from discussions with their classmates. The Remote Learning Adaptations can be accessed free of charge from our website.
Does the technology facilitate a teacher's ability to differentiate lessons, tasks, or other content for students?	✓		<p>Our student and teacher materials are offered as Google Docs and Slides and teachers are able to easily copy entire units to their own Google Drive and then make modifications as they see fit for their students. We also offer a Google Classroom version of the materials that is loaded as a new classroom with draft posts teachers can modify before assigning to their students.</p> <ol style="list-style-type: none"> 1. Does the technology itself differentiate based on student responses? No. 2. Does it provide feedback to students directly as they complete assignments? No. 3. Does the technology provide recommendations to the teacher? No.
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 complete control over the content. We trust the expertise of teachers and aim to empower them with the ability to adjust materials as they see fit.

Are there tutorials, videos, or other integrated supports in the materials to help educators to understand and/or utilize the materials?	✓		Every unit has a playlist of teacher-facing videos that provide guidance on the investigations, how to facilitate the lesson and how to utilize technology tools. Additionally, every unit has a hour-long archived webinar that summarizes the unit.
Are there tutorials, videos, or other integrated supports in the materials to help parents/guardians to understand and/or utilize the materials?	✓		Every unit has a Home Communication letter that is meant to be sent home before the start of the unit. These letters are available in English and Spanish and are shared as Google Docs so that educators can adjust the language and create additional translations.
Are all of the following audiences provided access to the product as part of the core purchase? <ul style="list-style-type: none"> ● parents/guardians ● Educators (Teachers, Administrators, etc.) ● Students 	✓		All of our materials are freely available from our website for educators and parents/guardians. We require a short registration with minimal information gathered to allow access to the materials for adults. Students do not register on our website to access materials. All of the student-facing materials on our website (videos, simulations) are available without registration. We do not collect any student data.
Are the materials designed to integrate with a Learning Management System (LMS)?	✓		All of our materials are accessible outside of an LMS. We have designed a Google Classroom version of our materials to make it easier for educators. Since the materials are designed in the Google Suite, they can easily be utilized with other Learning Management Systems.
Does all content conform to the National Instructional Materials Accessibility Standard ?	✓		All of our Student Editions can be found in the NIMAC Inventory. Additionally, by providing all of our materials in Google Doc format, educators and students are able to modify as needed.
Is technical support during day-to-day use primarily the responsibility for the client or the publisher?	✓		OpenSciEd provides technical support to Educators who cannot login to our website or are having a difficult time loading the simulations. Since students do not login to the website and no student data is captured, there is very minimal technical support needed for the student experience.

TECHNOLOGY CHECKLIST			
Question	Yes	No	Details
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	✓		If yes, What are the print options? (check all that apply) <input checked="" type="checkbox"/> Purchase hard-copy books/workbooks <input checked="" type="checkbox"/> Users can print at home
utilized in a blended digital approach? Is the print content identical, similar, or comparable to the digital?			Our materials are free to download as PDF documents and can be accessed as Google Docs. Educators are welcome to print the materials with the printer of their choice or utilize one of our distribution partners to purchase printed versions of the materials.

		All of the student materials are available as Google Docs and can also be printed as paper handouts. The materials are written assuming that students will be utilizing a science notebook of some sort for their sensemaking. This could be a paper composition notebook or a digital version.
Is the digital design of the materials intended to replicate a textbook experience?	✓	The materials are available in multiple digital forms. If the teacher is using the PDF or Google doc form, the materials mimic a textbook. If the teacher is using the Google Classroom form, the materials take advantage of Classroom's delivery mechanisms which differ from a paper textbook in presentation and organization.
Are digital teacher guides available for the materials?	✓	<ol style="list-style-type: none"> 1. If yes, How do teachers access digital teacher guides? After registering at OpenSciEd.org, educators can preview the Google doc version of the teacher edition or make a copy of the Google doc to their own drive. 2. Are guides available to parents/guardians at home? After registering at OpenSciEd.org, parents/guardians can preview the Google doc version of the teacher edition or make a copy of the Google doc to their own drive. 3. Do teacher planning materials connect to student-facing lessons? Yes. 4. Are there any additional costs for these resources? No. All of our materials are free to download and use.
Do the materials contain videos/animations/simulations for student learning?	✓	<ol style="list-style-type: none"> 1. If yes, Specify frequency (every lesson, some lessons, only teacher support, both teacher and student). 2. Our materials have student-facing videos that introduce students to phenomena or help them gather information to make sense of them. The number of student-facing videos varies greatly depending on the unit and the focal phenomenon. Most units have a few short videos for about half of the lessons. We also have teacher-facing videos that are designed to be just-in-time support for educators as they set up investigations and facilitate learning. 3. Our materials utilize simulations as a way of sensemaking about phenomena. The amount of time interacting with simulations and data visualization tools varies from unit to unit but one average, every lesson has 2-3 simulations. 4. Are these native to the materials or accessed by links that lead to other sources not maintained by the publisher? 5. All of our video assets are hosted on our YouTube channel. We also provide alternative links for school systems that are not able to access YouTube. 6. All of the simulations can be accessed from the OpenSciEd website and are freely available.
Is any or all online content dependent on links that are not maintained by the publisher?	✓	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?	✓	<p>If yes, Describe these opportunities.</p> <p>Some of our units encourage students to collect and share data with other students. For example, one of our units has students contribute their height and arm span data to a data set that is shared by all middle school students using that unit. There are recommendations for how to teach that unit if access to that online data set isn't possible.</p>
Do the materials include built in features for student-to-teacher interaction?	✓	If yes, Describe these opportunities.

		Some of our units encourage students to collect and share data with other students. For example, one of our units has students contribute their height and arm span to a data set that is shared by all middle school students using that unit. There are recommendations for how to teach that unit if access to that online data set isn't possible.
Is a 1:1 device ratio required?	✓	If no, Include recommended device ratio. <ol style="list-style-type: none"> 1. Our materials utilize simulations and digital tools as a way of making sense of phenomena and it is recommended that students work with a partner or a small group as they collect information from the simulation and test out their thinking. Because of that, we recommend a 1:2 or 1:4 ratio. 2. We do provide a Google Classroom version of our materials. To best take advantage of those features, a 1:1 ration is recommended.
Are the assessments contained within the materials able to be securely completed by students online?	✓	A benefit of using the Google Classroom version of our materials is the ease of assigning and scoring assessments. This feature is available if educators are using our Google doc versions of the unit materials within Google classroom. The security would be the security provided by Google rather than by OpenSciEd. If yes, <ol style="list-style-type: none"> 1. Is this true of all assessments? Yes. 2. Are assessments editable by teachers? Yes.
Is data available about user sessions (e.g., timestamps, content being viewed, callbacks fired, etc...)?	✓	
Are there parent/guardian resources available for school systems to utilize: <ul style="list-style-type: none"> • For when there is in-person instruction? • For when there is hybrid instruction? • For creating continued learning plans for distance learning schedules? 	✓	We have created Remote Learning Adaptations of our units that provide guidance for students to be able to engage with our materials asynchronously. While we provide this guidance, the materials were not designed to be used in this manner and students will not benefit from the sensemaking that comes from discussions with their classmates. The Remote Learning Adaptations can be accessed free of charge from our website.
Learning Management Systems Are the materials configured to work with one or more learning management systems? Check all that apply.	✓	Google Classroom version of the materials is free to download from our website. <ol style="list-style-type: none"> 1. Educators are free to import our materials into the other LMSs because our materials are Open Educational Resources. 2. OpenSciEd will continue to develop LMS configurations based upon school and district need.
Is single sign-on supported?	✓	Our materials are hosted n Google Drive, which has single sign-on functionality
Can the platform manage staff assigned to multiple schools with a single sign-on?		N/A
Can co-teachers be assigned to multiple classes?	✓	Our materials connect with Google Classroom and this function is possible within Google Classroom.

Can students who move between teachers or schools using the same materials be re-assigned without losing their work?			Depending on district settings, this may be a feature that can be utilized within Google Classroom.
Can the platform provide user accounts for staff members (principals and other admin) who are not assigned students?	✓		Any educator who wishes to access the materials can register on our website and freely access the materials.
Can passwords be reset without assistance from trained IT staff?	✓		Yes, click on the password reset bottom on the sign on page. https://www.openscienced.org/password-reset/ Students do not have accounts or passwords to reset.
When working offline, does the product automatically sync when a connection is re-established?	✓		This sync functionality is available to the Google Suite features of our materials.

TECHNICAL SUPPORT

Questions	Yes	No	Details
Is technical support provided to districts during initial set-up and deployment?	✓		Yes, OpenSciEd offers support during initial adoption and full, both through synchronous calls during weekly office hours and asynchronously through our email support system and knowledge base.
Is technical support provided during the duration of the contract?	✓		Yes, OpenSciEd offers the same on-demand support during throughout implementation as we do during initial adoption and deployment.
If utilizing a free or trial version, is technical support provided?	✓		All of our digital materials are free to access and include the above technical support provided.
Are there self-service supports for troubleshooting?	✓		OpenSciEd has tutorials and support resources in our knowledge base.
Does technical support include planning for emergency access and district support?		✓	We host most of our materials in Google Apps for Education in Google Docs, Slides, and Sheets. We encourage teachers to copy our resources and modify them to suit their classroom needs. Because of this, there are no platform dependencies that require emergency access for district support.

COMPATIBILITY

Question	Ye s	No	Details
Does the product have a native mobile application?		✓	
Is the product browser-based?		✓	No, the materials can be delivered through a variety of formats: paper, PDF, Google Doc, and Google Classroom. The intention is to provide the materials in whatever format best suits a teacher, school, or district.

Does the product use responsive design for rendering on smartphones?	✓		
Does the product use responsive design for rendering on tablet devices?	✓		
Does the product use responsive design for rendering on laptop devices?	✓		
Does the product use responsive design for rendering on desktop devices?	✓		
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)?	✓		If yes, Are additional software downloads or licenses necessary? No.
Compatible Device Types			
Windows	✓		
Linux			
Windows Table	✓		
Apple Laptop/Desktop	✓		
iPhone			
iPad	✓		
Android Phone			
Android Table	✓		
Chrome Book/Chrome OS		✓	
Amazon Fire OS		✓	
Other E-Reader		✓	
Interactive Whiteboard		✓	
Compatible Browser			
Chrome	✓		
Firefox	✓		
Safari			
Edge	✓		
Internet Explorer	✓		
Other			
ACCESSIBILITY			
Questions	Yes	No	Details

Screen Reader	✓		
Text Readers	✓		
Adjustable Print Size	✓		
Speech Input Software	✓		
Header Point Devices		✓	
Braille Readers/Display Devices	✓		
Closed Captioning	✓		
Alternative Input Devices	✓		
High Color Contrast Display	✓		
Translation of Text	✓		If yes, specify language: Spanish
Bilingual Dictionaries		✓	
Are there required accessories (Headset/Speakers)	✓		If yes, specify if they are provided with the materials or must be purchased separately. The materials are designed assuming the teacher is able to share audio and video with students.
Multiple Playback of audio/video	✓		
Can students adjust the speed of audio/video playback?	✓		
Are accessibility supports able to be turned on/off?	✓		
Does all browser-based technology satisfy the Web ?	✓		
Content Accessibility Guidelines or VPAT?	✓		Test the product at userway.org
COMPLIANCE/CERTIFICATIONS			
Questions	Yes	No	Details
SIF		x	
CEDS		x	
EDUPUB		x	
Ed-Fi (SIS/ODS)		x	
Ed-Fi (Assessments)		x	
1 EdTech(Competencies and Academic Standards Exchange)		x	

Competencies and Academic Standards Exchange (CASE)		X	
Comprehensive Learner Record		X	
One Roster		X	
Caliper Analytics		X	
Learning Tools Interoperability LTI		X	
LTI Advantage		X	
Common Cartridge	X		
Open Badges		X	

DATA SECURITY AND PRIVACY

Questions	Yes	No	Details
Data Security: Are data elements encrypted at rest, i.e. in a database or file system?		✓	No data is collected from users beyond the simple one-time registration educators complete to access the materials. No student level data is collected.
Data Security: Do the materials refer students to video, content, and other online sources that are not native to the materials?	✓		If yes, Is it a closed system? If no, how does it direct out of the environment? We host all of our videos on our YouTube channel. For districts that are not able to access YouTube, we provide alternative video links with each unit.
Data Security: Does the end-user licensing agreement allow customers to scrape data from the product?		✓	No data is collected from users beyond the simple one-time registration educators complete to access and download the materials.
Privacy: Is personally-identifying student data provided to, generated by, or stored in any systems used by the product?		✓	
Privacy: Does the product/vendor make their student privacy policy publicly available?	✓		If yes, Provide a link to the policy in the details. https://www.openscienced.org/openscienced-terms-of-use/
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.)?	✓		

Privacy: Has a third-party evaluated the product for FERPA compliance?		✓	
Privacy: Does the product allow registration or data collection from children under the age of 13?		✓	
INSTALLATION			
Questions	Yes	No	Details
Is the product downloaded to individual devices: one-time internet connection required?	✓		
Is the product installed on individual computers (from CD-ROM/DVD, flash drive, etc.): no internet connection required?		✓	
Is the product installed on LAN/WAN (school or district server): no internet connection required for teachers/students after installation?		✓	Districts could take the PDF versions of our materials and install them on a district server or save a Google Suite version of it to their district drive and allow offline access. Our materials are Open Educational Resources and school systems are free to use the materials as they see fit.
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?		✓	
Does the product support deployment through Mobile Device Management (MDM) systems?		✓	
Does the product provide a detailed schedule of updates that minimizes access interruption?		✓	
Does the login authentication use district protocols to establish unique and memorable usernames and passwords?		✓	
Is there an option for concurrent user licensing?		✓	Our materials are Open Educational Resources and are free for all educators to download and use from our website.
IMPLEMENTATION AND SCALABILITY			
Question	Details		
What is the average page load time?	0 seconds		

What is the required bandwidth per user?	For general web browsing and editing Google Drive documents, 0.2-0.5 Mbps per concurrent session at a minimum should provide satisfactory performance. When streaming video, at least 1 Mbps per concurrent user session is needed and >4 Mbps is required for HD video streaming.
Are results of stress tests provided to customers?	No
Is a disaster recovery plan for data provided to customers?	N/A - No data is collected from users beyond the simple one-time registration educators complete to access the materials.
Are customers provided with a standardized implementation plan to ensure a successful rollout?	We have guidance and models for implementation that are freely available from our website. We can work with districts to develop a plan that meets their needs and will support teachers and students.
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

	Check All That Apply	Comment or Explanation	Organization that Maintains the Standard
Available in PDF Format	X		Adobe
Available in ePUB Format			International Digital Publishing Form
Accessible Course within an Open Learning Management System (LMS)			Moodle
Accessible Course within another Learning Management System (LMS)			LMS Provider
Available in an accessible media format and includes alternate text or subtitles	X		Provider or Publisher
Includes alternative text (image)	X		Provider or Publisher
Includes captions and subtitles (video)	X		Provider or Publisher
Includes flash accessibility functions (SWF)			Adobe http://www.images.adobe.com/www.adobe.com/content/dam/Adobe/en/devnet/swf/pdf/swf-file-format-spec.pdf
Includes functionality that provide accessibility			Provider or Publisher
Complies with W3C Recommendations for web pages			W3C Recommendations http://www.w3.org/WAI/eval/Overview.html
Is a Bobby approved website			CAST no longer supports the Bobby accessibility testing software; however, it remains one of the tests included within the IBM Rational Policy Tester Accessibility Edition software, the comprehensive enterprise application for testing websites.
Is a 508 compliant website			US Government
Available in the National Accessible Instructional Materials Standard (NIMAS) Format – Accessible XML	X		NIMAC
Complies with Audio/Video Cassette Production Standards			ITA Standards
Complies with DVD/DVD-ROM Production Standards			DVD Forum Specifications
Complies with Blue-ray Disk Production Standards			UDF 2.5 – Blue-ray Disk Association
Complies with National Center for Accessible Media (NCAM) Guidelines for Movies, Web and Multimedia			NCAM Guidelines

TECHNOLOGY SPECIFICATIONS

Technology specifications refer to the minimal technical requirements needed by a school or school district in order to adequately access and implement the instructional materials in the manner in which the publisher intended. The Louisiana Department of Education (LDOE) is committed to supporting districts in achieving technology readiness goals in all schools across the state. Skillful coordination and planning are required to ensure students and teachers can access high quality electronic instructional materials. Alignment between the technical specifications and local capacity supports the local allocation of resources in ways that ensure students have access to high-quality instructional materials.

Instructions: Complete this form and save in the following filename format: **6_VendorName_TechSpecs.doc/pdf**
 For document 6, insert your company name, and leave the file named as TechSpecs, then save in either word or pdf file format.
 Upload or email this file as part of your IMR submission.

Sample technical specification components	Publisher technical specifications
Device required (e.g., Desktop, Laptop, Tablet)	Windows Table Apple Laptop/Desktop iPhone iPad Android Phone Android Table Chromebook/Chrome OS
Operating System (Windows/Mac)	Windows Linux Chrome OS
Memory (RAM) (e.g., 4GB)	n/a
Hard Drive (e.g., 160GB)	n/a
Software Requirements (e.g., Office, Adobe, GameMaker etc.)	n/a
Hardware Requirements (Laptop)	Windows Table Apple Laptop/Desktop iPhone iPad

	<p>Android Phone</p> <p>Android Table</p> <p>Chromebook/Chrome OS</p>
Internet Connection (e.g., 1Mbps, broadband)	<p>For general web browsing and editing Google Drive documents, 0.2-0.5 Mbps per concurrent session at a minimum should provide satisfactory performance. When streaming video, at least 1 Mbps per concurrent user session is needed and >4 Mbps is required for HD video streaming.</p>
Web Browser Supported (Google Chrome, Safari, Internet Explorer)	<p>Chrome</p> <p>Firefox</p> <p>Safari</p> <p>Edge</p> <p>Internet Explorer</p>
Antivirus Software	n/a
Accessories (Headsets, speakers, CD-RW/DVD Drive, Wireless or Ethernet Network, etc.)	Headset/Speakers
Accessibility Features Available	<p>Screen Readers</p> <p>Screen Magnification</p> <p>Text Readers</p> <p>Adjustable Print Size</p> <p>Speech Input Software</p> <p>Braille Readers/Display Devices</p> <p>Closed Captioning</p> <p>Alternative Input Devices</p> <p>High Color Contrast Display Options</p> <p>Translation of Text to Other Languages</p> <p>Multiple Playback of audio/video</p> <p>Adjust speed of audio/video playback</p> <p>Accessibility Supports can be turned on/off</p> <p>VPAT</p>