

## Interoperability and Technical Specifications

The information provided in this form is intended to assist local school systems decision-making during the Instructional Materials Review and Approval (IMRA) process.

Note: If information is the same for all grade levels, only one form is required.

All fields with an asterisk (\*) are required.

**Publisher\*** \_\_\_\_\_

**Program Title\*** \_\_\_\_\_

**Subject Area\*** \_\_\_\_\_

**Course/Grade Levels\*** \_\_\_\_\_

### Part One: Access and Use

#### Feature/Requirement/Specification

1. This product is designed for 1:1 use (one digital device per student). \*

☐ Yes ☐ No

2. This product combines print and digital materials. \*

☐ Yes ☐ No

3. This product is digital only. \*

☐ Yes ☐ No

4. Online products can be used offline. Students can continue working when internet connection is dropped. \*

☐ Yes ☐ No

5. The product automatically syncs when a connection is re-established, and work completed offline is saved and uploaded. \*

☐ Yes ☐ No

6. Single sign-on is supported. If yes, select the platforms below. \*

☐ Yes ☐ No

☐ ClassLink

☐ Clever

☐ Google Workspace/Classroom

☐ JumpCloud

☐ Microsoft Azure Active Directory (AD)

☐ Okta

☐ OneLogin

☐ Ping Identity

☐ Schoology

☐ Other: \_\_\_\_\_

7. Students are permitted to use the product on more than one device (e.g., a computer at school and a laptop at home). \*

☐ Yes ☐ No

8. The product uses the Texas Student Data System (TSDS) with unique IDs for students and staff. \*

☐ Yes ☐ No

9. Accounts can be created for support staff. \*

☐ Yes ☐ No

10. Content is printable. \*

☐ Yes ☐ No

11. Content is exportable. If yes, specify formats. \*

☐ Yes ☐ No

12. Content is presentable in e-book format. If yes, specify formats below. \*

☐ Yes ☐ No

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13. The product has embedded videos. If yes, specify file format, average file size, and the average number of videos per chapter/unit below. \*

☐ Yes ☐ No

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14. The product contains simulations. If yes, specify formats below. \*

☐ Yes ☐ No

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15. The product contains animations. \*

☐ Yes ☐ No

16. The product platform allows digital objects (e.g., text, video, simulations, etc.) to be divided and tagged with keywords and standards. \*

☐ Yes ☐ No

17. The product contains embedded assessments. If yes, describe assessment format, location, and compatibility with an external learning management system below. \*

☐ Yes ☐ No

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## Part Two: Compatibility

### Device Compatibility\*

Fill out the following table. Identify each compatible device and indicate the oldest and newest associated operating systems for that device.

<input type="checkbox"/> Android phone	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Android tablet	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Chromebook	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> iPad	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> iPhone	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Interactive Whiteboard	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported

<input type="checkbox"/> Kindle Fire	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Kindle, other	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Mac	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Nook	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Other e-reader	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> PC	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported
<input type="checkbox"/> Windows tablet	_____	_____
	Oldest Operating System/Version Supported	Newest Operating System/ Version supported

### Browser and Operating System Compatibility \*

Fill out the following table. Identify each compatible device and indicate the oldest and newest associated operating systems for that device.

Browser	Oldest browser version supported	Newest browser version supported	Mac OS	Windows	Linux	Chromium	N/A
Chrome							
Edge							
Firefox							
Safari							
Other							

## Part Three: Product Format, Installation Requirements, and Support

### Feature/Requirement/Specification

1. Product is browser-based online; continuous Internet connection required. \*

☐ Yes ☐ No

2. Plug-ins are required. If yes, list the required plug-ins below. \*

☐ Yes ☐ No

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3. Product is downloaded to individual device: One-time internet connection required. \*

☐ Yes ☐ No

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4. Product is installed on an individual computer (from DVD, flash drive, etc.): No internet connection required. If yes, estimate time per device required for setup; indicate if support is provided and if local IT staff is needed below. \*

☐Yes ☐No

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5. Product is installed on a LAN (district or school server): No internet connection required for teachers, students, or other users. \*

☐Yes ☐No

6. Infrastructure and software licensing are required. If yes, list license requirements and specify if set-up support is provided below. \*

☐Yes ☐No

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7. Server configuration is required. If yes, list server requirements and specify if set-up support is provided below. \*

☐Yes ☐No

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8. The product supports deployment through Mobile Device Management (MDM) systems. \*

☐Yes ☐No

9. Technical support is provided to districts during initial set-up and deployment. If yes, specify the type of set-up support Provided below. \*

☐Yes ☐No

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10. Technical support is provided during duration of contract. If yes, specify the type of on-going support provided below. \*

☐Yes ☐No

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## Part Four: Data Security, Access, and Privacy

### Feature/Requirement/Specification

1. Login authentication uses district protocols to establish common usernames and passwords. \*

☐ Yes ☐ No

2. Passwords can be reset without assistance from technical staff. \*

☐ Yes ☐ No

3. Personally-identifying student data is recorded by the product. If yes, list required student data and optional data fields below. \*

☐ Yes ☐ No

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4. Student data (e.g., roster changes, contact information, etc.) is automatically updated. If yes, specify frequency and if automatically exported from SIS, or indicate who is responsible for student data export below. \*

☐ Yes ☐ No

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5. Location of student data stored by the product fully disclosed. \*

☐ Yes ☐ No

6. Student data is purged after use by the product. If yes, indicate how and when below. \*

☐ Yes ☐ No

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7. Student data can be purged by the district at any time. \*

☐ Yes ☐ No



8. Data is encrypted in transit. If yes, indicate which encryption protocols are supported below. \*

☐ Yes ☐ No

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9. Data elements are encrypted at rest (i.e., in a database or file system) If yes, specify which data elements are encrypted below. \*

☐ Yes ☐ No

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10. Is your company willing to sign the [TX-NDPA \(Standard Student Data Privacy Agreement\)](#) with purchasing school systems? Please provide a link to your student privacy policy below. \*

☐ Yes ☐ No

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11. The product conforms with FERPA regulations. \*

☐ Yes ☐ No

12. A third party has evaluated the product for FERPA compliance. If yes, provide a link to the report below. \*

☐ Yes ☐ No

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13. The product employs rule-based security. If yes, provide a link to detailed information and supporting documents below. \*

☐ Yes ☐ No

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14. The product allows registration or data collection from children under the age of 13. If yes, provide a link to the COPPA Safe Harbor certificate below. \*

☐ Yes ☐ No

15. The product allows a download of school system-generated data (including usage data) without manual intervention by product staff. \*

☐ Yes ☐ No

**What types of authentications are accepted/used?**

☐ Password-based authentication

☐ Multi-factor authentication

☐ Certificate-based authentication

☐ Other: \_\_\_\_\_

## Part Five: Additional Technology Specifications

**Learning Management System (LMS) (Check all that apply) \***

☐ Blackboard

☐ Canvas

☐ Eduphoria

☐ Google Classroom

☐ ItsLearning

☐ Moodle

☐ Schoolology

☐ Other: \_\_\_\_\_

**Standards Compliance (Check all that apply)**

- ☐ CEDS
- ☐ EDUPUB
- ☐ EdFi
- ☐ IMS Global
- ☐ SIF
- ☐ Xapi
- ☐ Other: \_\_\_\_\_

**Integrated Management System (IMS) Global Standards Compliance (Check all that apply) \***

If IMS Global was selected, check all standards that apply to this product.

- ☐ APIP
- ☐ Caliper
- ☐ CASE
- ☐ LTI
- ☐ OneRoster
- ☐ QTI
- ☐ TCC
- ☐ Other: \_\_\_\_\_

Is this product IMS Certified? If so, list the standards under which it is certified:

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**Usage Analytics\***

Do you provide usage analytics?

☐ Yes    ☐ No

Which usage reports do you provide? Select all that apply.

- ☐ Time on Task
- ☐ The number of teachers/students accessing the digital product
- ☐ The content teachers/students access
- ☐ The frequency of teachers'/students' access
- ☐ Other: \_\_\_\_\_