

At Accelerate Learning, we believe our education technology should evolve as rapidly as our curriculum does. STEMscopes is built on a technology platform that is able to scale and adapt to the needs of individual schools or districts with a suite of features that streamline workflows, setup processes, data reporting, and user experience.

Key Technology Differentiators

- › No software updates are needed on the client/district end. Accelerate Learning, Inc. (ALI) manages all updates to the operating systems and middleware via our SaaS model.
- › Students and teachers can be added as users via a simple and standardized CSV processing system that integrates with a school's SIS. Integration requires no special formatting. The system automatically recognizes each field based on the column name.
- › The SIS integration system allows for all users to be submitted en masse, eliminating duplications; the system simultaneously facilitates manual entry by teachers, if desired, while still utilizing field integration.
- › Single sign-on available for LDAP compliant system (SAML - active directory).
- › The ALI platform is infinitely scalable and will scale up or down depending on the requirements of a district requires. Every subscription can potentially expand physical resources, allowing seamless content delivery from small, single-school licenses to large district implementations.
- › A district's data integration console allows district administrators to automate secure data integration between ALI and each school's SIS. Selecting specific integration parameters eliminates the need for manual manipulation and ensures accurate processing. Additionally, a journal of file processing is available to identify errors, warnings, significant events, and more. All integrations are done on separate resources to prevent degradation of the user experience.
- › Data reporting is available district-wide and at the individual user level. The product standardizes important reporting items across a district to ensure meaningful reporting.
- › The ALI implementation wizard assists districts in establishing operational parameters and publishing to all schools to help manage users district-wide.

NEW

Thin Common Cartridge integration allows STEMscopes K12, NGSS, EE, and state edition content to be used within a district's IMS Global Compliant CMS to assemble custom, modular courses for teachers.

In order to enjoy the best STEMscopes experience possible, please keep your computer up-to-date and use the following technical guidelines.

Web Browser Requirements

- › Internet Explorer 11, Safari 4 or greater, Firefox 4.5 or greater, or Google Chrome (required for SciRave + Dance Mat).

Mobile Device Requirements

- › All STEMscopes video and interactive components are encoded in HTML5. Web-capable devices (tablets, phones, computers) require no additional software, apps, or updates to be able to fully use STEMscopes.

Recommended Software

- › PDF Software: Adobe Reader 10 or greater (preferred) or Mac OSX Preview
- › Microsoft Office 2000 or greater (highly recommended), Apple Pages and Numbers, Open Office, or Libre Office

Network Requirements

- › Access to any hosts under the *.stemscopesapp.com. All content will be served from subdomains of the domain name. If required, IP addresses can be provided for firewall configuration.
- › Ability to accept mail from @acceleratelearning.com and @rice.edu email addresses. Some features of the site require email verification and notification to users and it is important that these incoming addresses not be blocked or marked as spam.
- › Accessing our content depends on real-time streaming, if the content is a video, song, or other interactive element, while all of our print materials in PDF format can be downloaded to a computer as quickly as the school's network allows. At present, we have had no difficulty delivering content through our site, and as our user base grows and the need for additional bandwidth grows, we can easily make that adjustment through a phone call to Rackspace, our server provider.