System Requirements

For using LAMS, these are your user requirements:

Browser Requirements

LAMS 2.x supports mainly modern browsers on the following operating systems:

Operating System	Supported Browsers
Windows OS	IE 9+, Firefox 16+, Safari 5+, Google Chrome 20+
Mac OS X	Chrome 20+, Firefox 16+, Safari 5+
Linux/Unix	Chrome 20+, Firefox 16+

LAMS 2.x is designed to run on 800x600 monitor for the learner module, and a 1024x800 monitor for the authoring module. A larger monitor is useful for learners but it will run in 800x600 - on a smaller screen, scrolling will be required to access all sections of the screens. LAMS makes use of pop-up windows. If you need help to allow this, please look at this document.

Other browsers and operating systems may work but are not officially supported.

The system requires Javascript and Adobe Flash Plug-in version 10+ from Adobe. Please see the Troubleshooting page for problems with particular versions of Flash and check that you aren't using the problematic versions.

If you are installing LAMS, these are the software requirements:

Software Requirements

The multi-tier web based solution will be used for the development of LAMS 2.x The architecture comprises of:

- Apache web server (optional),
- JBOSS 5.1 application server
- Java Sun JDK 6 (also known as JDK 1.6)
- MySQL 5.5+ or 5.1 database server (see Database Conventions and Datasources).

LAMS is written in JAVA, which in principle makes it operating system independent.

The use of Hibernate mappings could make the application, with some level of configuration, database independent.

Hardware Requirements for LAMS Server

While technically you can install LAMS on a Raspberry Pi, if you want to use LAMS with students we recommend a minimal of one core processor and 2GB RAM.

Design and Implementation Constraints

All the users of the system will be a browser client. The system will be developed for screen resolutions as given above. For screen resolutions below this the users may not be able to view the screens appropriately.

LAMS in Mobile Devices

Check out LAMS working in Mobile Devices