

How do I add LaTeX language to my course site?

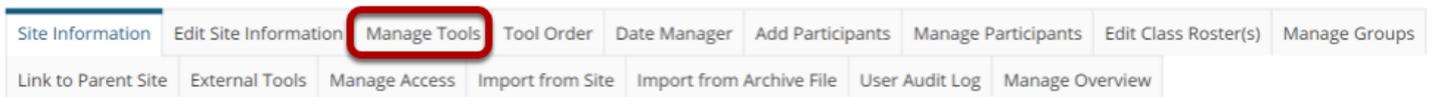
Sakai can display LaTeX equations as mathematical notation in the Rich Text Editor. Using LaTeX options, instructors and students can simply write LaTeX in an enabled tool and the resulting equation will be displayed beautifully.

Go to Site Info.



Select the **Site Info** tool in the tool menu of your site.

Click on Manage Tools



Click on the **Manage Tools** tab.

Select the check box to enable MathJax.

General	25	Selected tools	Remove
<input checked="" type="checkbox"/> Overview For providing an overview of the site, including the site's description and recent announcements, messages, and events		Overview	
<input checked="" type="checkbox"/> Announcements For posting and viewing current, time-critical information		Announcements	
<input type="checkbox"/> Assignments For posting, submitting, and grading assignments online		Calendar	
<input checked="" type="checkbox"/> Calendar For posting and viewing events, such as due dates, meetings, and other important dates		Email	
<input type="checkbox"/> Chat Room For synchronous, real-time written conversations		Gradebook	
<input type="checkbox"/> Commons For social networking-style posts featuring embedded images and url-to-thumbnail expansion		Site Info	

Enable **MathJax** for automatic rendering of LaTeX and AsciiMath in this site. [Learn More.](#)

Below the Selected Tools list, check the box to **Enable MathJax for automatic rendering of LaTeX and AsciiMath in this site.**

Scroll down and click Continue.

Wiki
For collaborative editing of pages and content



Click Finish to confirm the change.

You have selected the following for your site (added tools highlighted):

- Overview
- Lessons
- Resources
- Gradebook
- Web Content (<http://www.sakaiproject.org>)
- Site Info
- News (<https://www.sakailms.org/blog-feed.xml>)

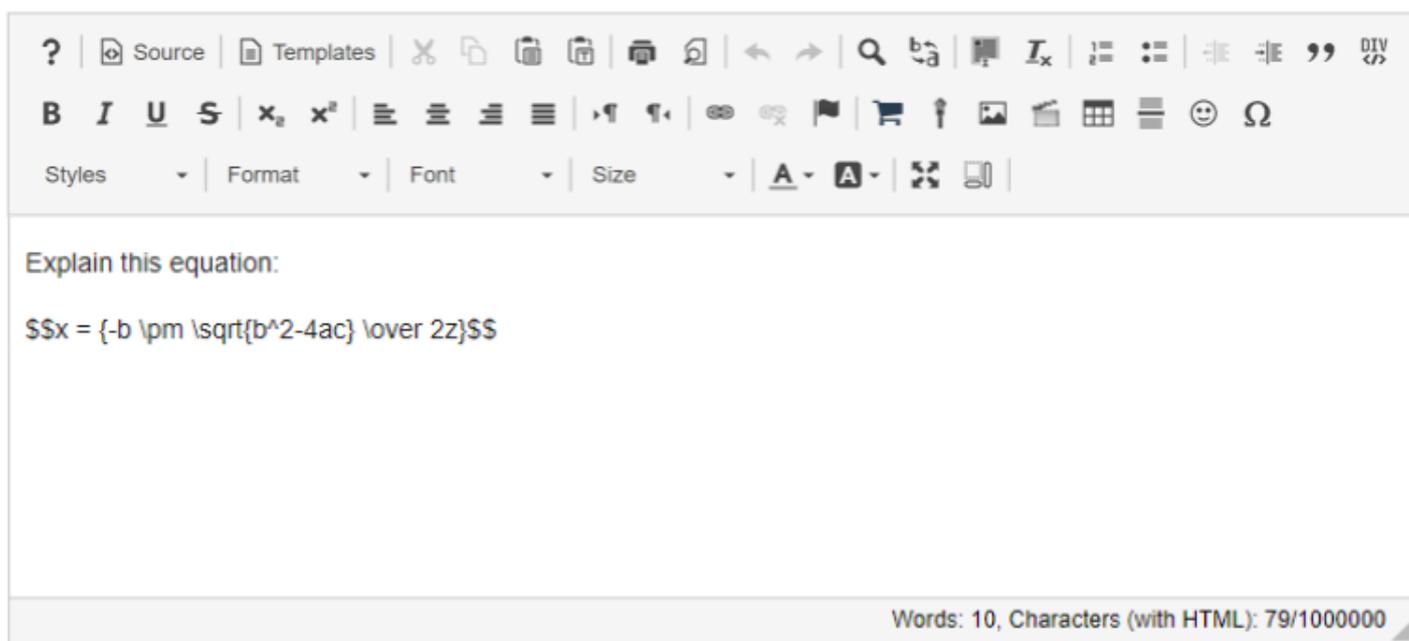
You have enabled the automatic rendering of LaTeX for this site

Finish

Back

Cancel

Enter LaTeX equation in rich text editor.



The screenshot shows a rich text editor interface. The top toolbar includes various icons for text formatting (bold, italic, underline, strikethrough), alignment, indentation, bulleted and numbered lists, link, unlink, insert image, insert table, insert link, and insert code. Below the toolbar, the text area contains the prompt "Explain this equation:" followed by the LaTeX code
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$
. At the bottom right of the editor, a status bar indicates "Words: 10, Characters (with HTML): 79/1000000".

Insert "\$\$" before and after mathematical equation to set it apart from the rest of the text. Math equations are editable in the edit screen of the tool, but will display as an equation in preview and student view.

Equation displays as expected when viewed.

Explain this equation:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2z}$$