

Desmos Embeddings

How to embed Desmos Lessons

How's it work?

You can embed Desmos lessons into Xronos easily, much like you can with YouTube, using the `\desmos` command. Similarly to the youtube command, Desmos will take in a portion of the url (once the Desmos lesson is marked as embeddable) and configure everything else for you. By way of example, I have a lesson I give student to be able to play around with and understand translations and transformations here:

Thus if you wanted to share a Desmos lesson at <https://www.desmos.com/calculator/ryvd3xeltn>. To embed this, all we need is the string after the last slash, so we would use the command:
`\desmos{ryvd3xeltn}-{500}`¹. Which gives us:

Desmos link: <https://www.desmos.com/calculator/ryvd3xeltn>

Validation

Playing around with Desmos lessons has no natural “completion” metric, so it is currently ungraded - meaning that student interaction doesn't count toward progress on the page in any way.

Optional Arguments

There are currently no optional arguments for Desmos.

Potential Pitfalls and Problems

No grade potential

Since students can't earn points from it, it can sometimes be difficult to motivate them to interact with a Desmos lesson. One option is to make followup problems that require some kind of manipulation within your Desmos lesson in order to be

Learning outcomes:

¹the second argument is the width - which defaults to the width of the window. The third is the height, which usually defaults to something too small, so I typically use 500 or so.

able to answer them, but finding a motivational method is up to the creativity of the author.