

Desmos Calculator Tips and Tricks and Teaching/Learning Rates with Desmos

Dr. Jim Olsen ~ Noyce Workshop, March 7, 2026 ~ W.I.U.


Desmos Calculator Tips and Tricks <https://www.desmos.com/calculator>

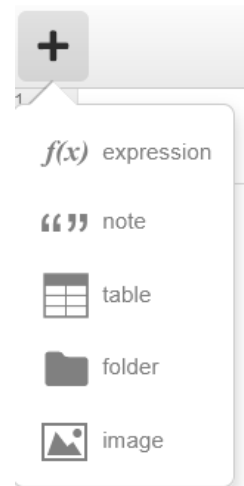
Things to include

1. Medium-grade tips and tricks

- Get a Desmos account (free)
- Projector mode (use wrench)



- Gear  - to edit, including copying a line.
- Labeling axes and setting the window (use wrench)
- 5 Things you can “+” add (5 of 6 for today).
- Colors and hiding.
- Sliders - including Play button - see Animation Mode and Speed.
- Saving.
- Sharing
- Use the functions menu at the bottom.
- How to get text (boxes/labels) on the Desmos Screen. Use a point with a *label*. The point itself can be hidden.



2. Limit Domain and/or range using set brackets.

For example: $f(x) = x^2 + 1\{-1 \leq x \leq 2\}$

Three Intuitive Strategies for Solving Proportion Problems - [Handout](#)

Teaching/learning Co-variation (related rates) with Desmos, Using Parallel and Perpendicular Number Lines - [Handout](#)

Desmos Graphs:

- [Parallel Number Lines Representation of a Function](#)
- [Perpendicular Number Lines Representation of a Function](#)
- [Tuna Population](#)