

# A Quick Guide to...Desmos Graphing Calculator

## What is it?

Desmos Graphing Calculator is a free app and online graphing calculator that allows you to input equations and see them represented on an online adjustable graph.

## The Basics

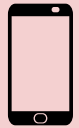
Works  
On:



Tablets

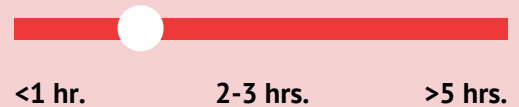


Laptops



Smart Phones

Learning  
Curve:



## How is it used in class?

- Desmos can be pulled up on a browser in class to show they can manipulate graphs with different equations to further their understanding of the individual parts that make up the graph and equation.

## How is this beneficial to students & instructors?

### Students

- Students can use this as an alternative to an expensive graphing calculator.
- Can be helpful for visual learners.
- Allows students to understand the equation based on how it affects the graph.

### Instructors

- Desmos can be used as an inquiry based approach to learning.
- Instructors can use this as a helpful and easy to use visual learning option.
- Instructors can also create screen recordings of graph manipulation as an online learning option.


## Membership Structure:

**FREE**

\$0

- Create a free account with the email of your choice

[www.desmos.com/calculator](http://www.desmos.com/calculator)

 Center for the Enhancement  
of Learning & Teaching