

Desmos: A Collection of Unique and Engaging Digital Graphing Activities

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Marbleslides: Lines – 5 minutes

1. Go to student.desmos.com
2. Sign in with Google or make a Desmos account
3. Use activity code AU6VR

Desmos Intro video – 5-10 minutes

Objectives

1. Participants will interact with some of the features of Desmos as a student and view the activity from the teacher dashboard.
2. Participants will become familiar with the basic features of teacher.desmos.com and locate resources for future investigation.
3. Participants will research or create their own activity for use in their classrooms.

Different Desmos Functions

- desmos.com – Graphing
- teacher.desmos.com – Activities
- student.desmos.com – Activities with a code
- learn.desmos.com - Tutorials

Go to desmos.com or download the Desmos app – 5-10 minutes

1. Start graphing
2. Sign in
3. The 3 lines icon in the upper left hand corner has a drop down menu of examples. Explore a little.
4. Tap the plus sign in the upper left hand corner to choose insert an expression and/or a table.
5. Tap the tool in the upper right hand corner to label your axes and define your domain and range.

Teacher Dashboard of the Desmos Activity Showcase – 10-15 minutes

1. Go to student.desmos.com
2. Sign in
3. Use activity code XWFDF

4. I will show you the teacher dashboard of the Desmos Activity Showcase while you navigate through the screens.

Creating your own Activities – 5-10 minutes

- An example - Transforming Linear Functions

Where do I begin?

1. Awesome Activities pdf for grade appropriate examples
2. Teacher.desmos.com – look for an activity that is already created
3. Science teachers – use it for graphing during labs, check out the Modeling bundle
4. Learn.desmos.com – get an introduction
5. When you get the hang of it, you can edit a premade activity or create your own.

General Desmos tips

- Start simple
- Have students work in pairs with one iPad sometimes. This practice encourages conversation.
- Use projector mode to make the screen more readable.
- Have students take screenshots and put graph in document.

Complete the survey if you would like

Here's my contact info:

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