New to You Desmos Features

Goals: Participants will be aware of new Desmos features in the calculator and activity builder. Participants will be able to use new features in their classroom.

Give participants time to complete activity & explore

Activity Checklist

☐ Complete the activity using student preview.

☐ Identify your learning targets for the activity.

☐ Determine the screens where you'll bring the class together using Teacher Pacing and Pause Class. What will you discuss on those screens?

☐ Anticipate screens where students will struggle, then plan your response.

☐ Plan a challenge for students who finish the activity quickly and successfully.

☐ Make yourself available during the activity to students for individual help and questions when appropriate.

☐ Write out your summary of the activity's main ideas. How will you pull student work into that summary? Which parts of the activity can you skip to ensure that summary receives sufficient time?
My Learning Targets:

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Activity Screens: Teacher Pacing and Pause Class

Use this page to plan your use of Teacher Pacing and Pause Class. Teacher Pacing lets you restrict students to a single screen or a range of screens. Pause Class keeps students from interacting with whatever screens they are currently viewing. Use these two tools to create conversations in your classroom.

Consider these questions as you plan:

- Which screen(s) should everyone work on at the same time? Why?
- Which screen(s) do you want to keep students from seeing until you're ready for the class to see them together? (Perhaps because they reveal answers or require a whole class conversation for introduction.)
- Are there any points in the lesson where you will want to make sure students aren’t playing with the screens while you discuss something as a class?
13 What do you wonder about Desmos Activity

14 Ask Me Anything! What else would you like to know?

15 What is something you learned today

16 Feedback please! What is something that was helpful for

17 Time to Explore! Time to Explore and or Create! What can you use in the next week to engage students in mathematical play?

https://learn.desmos.com/

18 Group the equations a…

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Welcome!

Today we will learn about some new features in Desmos Calculator and Activity Builder introduced this past year.

My name is Anna Scholl. I'm a Desmos Fellow and a mathematics teacher at Xavier High School in Cedar Rapids. You can contact me at annascholl@gmail.com or on Twitter @MathTeachScholl.

How many years experience with Desmos do you have?

My Notes:
2 Rank the features you use most.

My Notes:

3 Geometry!

Use the geometry tools to create your favorite math design!

My Notes:
4 Add an Image of som…

My Notes:

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5 Basketball Data Anal…

My Notes:

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The graph shows the data collected about our years of Desmos experience in this session.

What do you notice about the graphs? What do you wonder?

My Notes:

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My Notes:

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My Notes:
8 Complete the table to...

My Notes:

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9 Group the equations ...

My Notes:

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10 Discuss with a friend

My Notes:

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Activity Screen Copy & Snapshots

Two new features in Activity Builder are the ability to copy screens in activities and using a camera to capture snapshots of external student work.

To copy a screen from an activity, you can click on the screen and then use Command C (or Ctrl C) (the keyboard shortcut for copy)

Then click in the new activity where you wish to paste and use the paste shortcut (Command V or Ctrl V).

My Notes:
What would you like to know about Desmos Test Mode?

https://www.desmos.com/test-mode

My Notes:

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What do you wonder about Desmos Activity Collections?

https://support.desmos.com/hc/en-us/articles/207943113-New-Features

My Notes:

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What else would you like to know?

What features would you like to see added to Desmos? (calculator, activity builder, geometry, or more!)

https://support.desmos.com/hc/en-us

My Notes:


What is something you learned today that you hope to use within the next week?

My Notes:
What is something that was helpful for you today?

What is something that could be improved in this session?

Use the sketchpad and/or text box to express yourself!

My Notes:
Time to Explore and or Create! What can you use in the next week to engage students in mathematical play?

https://learn.desmos.com/

https://retrodesmos.com/running-list-of-activities/

Elementary Collection:
https://teacher.desmos.com/collection/5d54cfd010a8f9667d44df75

Activities organized by Grade Band:
https://docs.google.com/spreadsheets/d/1B2fuRYslIPk2T8cEyEZR9C4VF2hpgRsu1WSq0KdmkQII/edit#…

https://www.ericmilou.net/desmos-lessons

An AP Stats Collection:
https://teacher.desmos.com/collection/5ca4db6083ed8456779e3db4

Algebra 1 Collection:
https://teacher.desmos.com/collection/5ca5f3e7bbe91b32e24ab476

Algebra 2 Collect:
https://teacher.desmos.com/collection/5ca55b6e9342fe36058c8d4a

My Notes:

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18 Group the equation…

My Notes:

19

My Notes: