



2023 SPARCC EdTech Conference

July 18, 2023 - In-person and Virtual - conference.apps.sparcc.org

Session Information

Title: Using Desmos Classroom Activities in Math Instruction

Description: In this seminar, I will introduce what a Desmos Activity is. I will also have teachers experience Desmos Activities that I have borrowed, created, and edited.

Grade Levels: High School (9-12)

Technology Level: Novice - introduction / basics

Time: 12:15PM to 1:00PM EST

Room: 228

Meet Link: <https://meet.google.com/qoe-puzq-svk>

Join the Presentation!

Use this link to join my classroom and experience Desmos:

<https://classroom.google.com/c/NTIzMDcxOTYyNDIz?cjc=lrpji2s>

Presenter Information

Presenter(s): Chris Schorsten

Organization: Plain Local School District

Experience: 23 years

Email: schorstenc@gmail.com

Why Desmos Activities:

“It is a playground for students to experience mathematics.”

“It is a platform where students can interact with mathematics that promotes inquiry, induction, conversation, and mastery.”

“It provides feedback for students and teachers.”

Desmos Classroom Activities:

- 1) Provide a setting for students to manipulate,
- 2) Makes connections between graphic representations, inputs, and tables,
- 3) Can be used for any level of mathematics,
- 4) Is more than just the Desmos Graphing Calculator,
- 5) Creates data for teachers to assess classroom learning,

- 6) Allows spaces for metacognition,
- 7) Promotes opportunities for teachable moments,

Agenda:

- 1) Intro
- 2) Join Google Classroom and Open Desmos Activity
- 3) General Experience
- 4) Introduction to Summary and Teacher Page
- 5) Experience Algebra, Geometry, and Trigonometry (Turtles and Mario)
- 6) Create Desmos Account
- 7) Search, Find, Save
- 8) Edit and Create
- 9) CL and Self-Checking
- 10) Community?

Session Resources

Google Slides:

https://docs.google.com/presentation/d/1w7fsK1VTu7cqM_hRx7RztPielXy-W_K_SAG28G5iDb0/edit?usp=sharing

Desmos Activities:

Access Desmos:

www.desmos.com

Getting to know your students:

<https://teacher.desmos.com/activitybuilder/custom/5f1750b313629667bc5afb44?collections=feature-d-collections,5e44be054273ab1a7f4e7471>

Brief Intro to CL - Self-Checking:

<https://teacher.desmos.com/activitybuilder/custom/64b3debcd012890e719d6294>

Self-Checking:

<https://teacher.desmos.com/activitybuilder/custom/5e9519221762f805d1b303e0?collections=5ec6b4918247f90c7efe4309>

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