

Customizing Digital Open Educational Resources for Formative Assessment in the Classroom w/ GeoGebra



**To follow along, create an account
or sign-in on your device:**

[geogebra.org](https://www.geogebra.org)

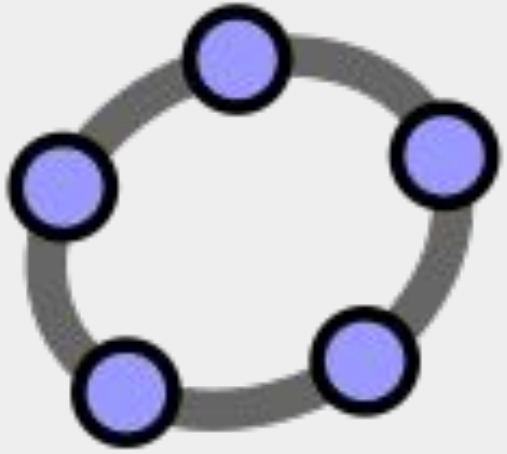
Introductions



Location

GeoGebra

Role
(and grade levels)



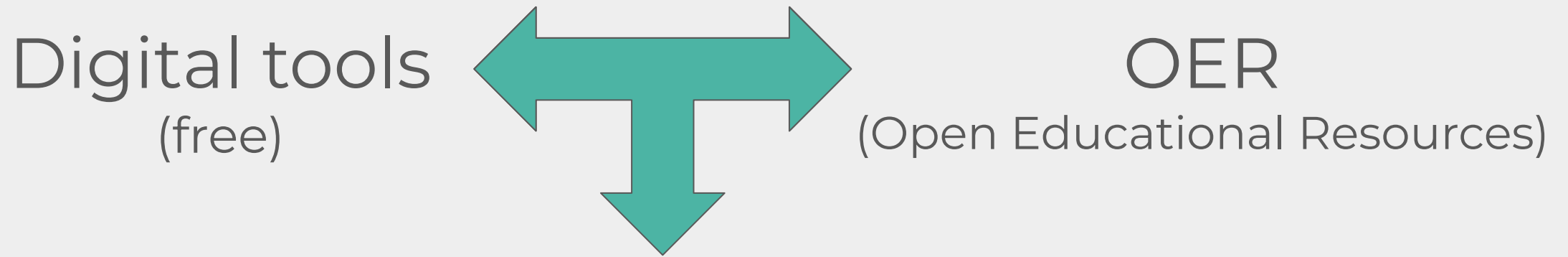
GeoGebra

Calculators

Resources

Sharing Feature

This Session



Teacher empowered
formative assessment

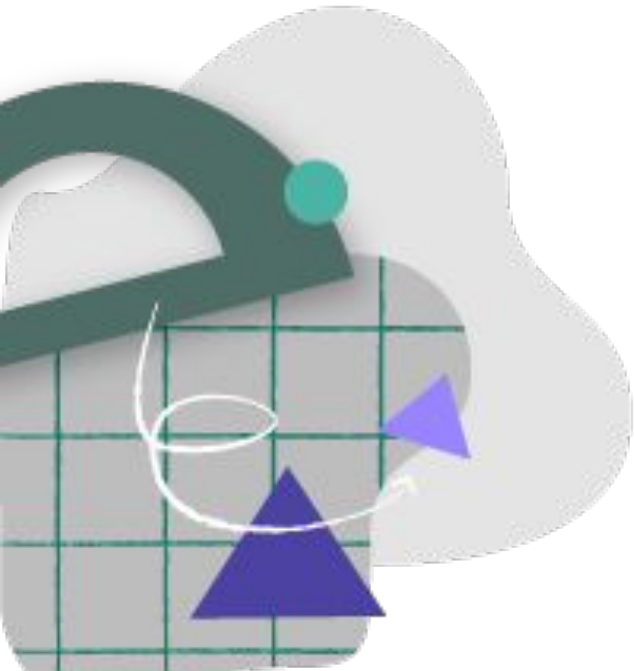
Formative (vs Summative) Assessment

What is it

Why we care about it

How we can use it

Five R's of OER



Retain

Reuse

Revise

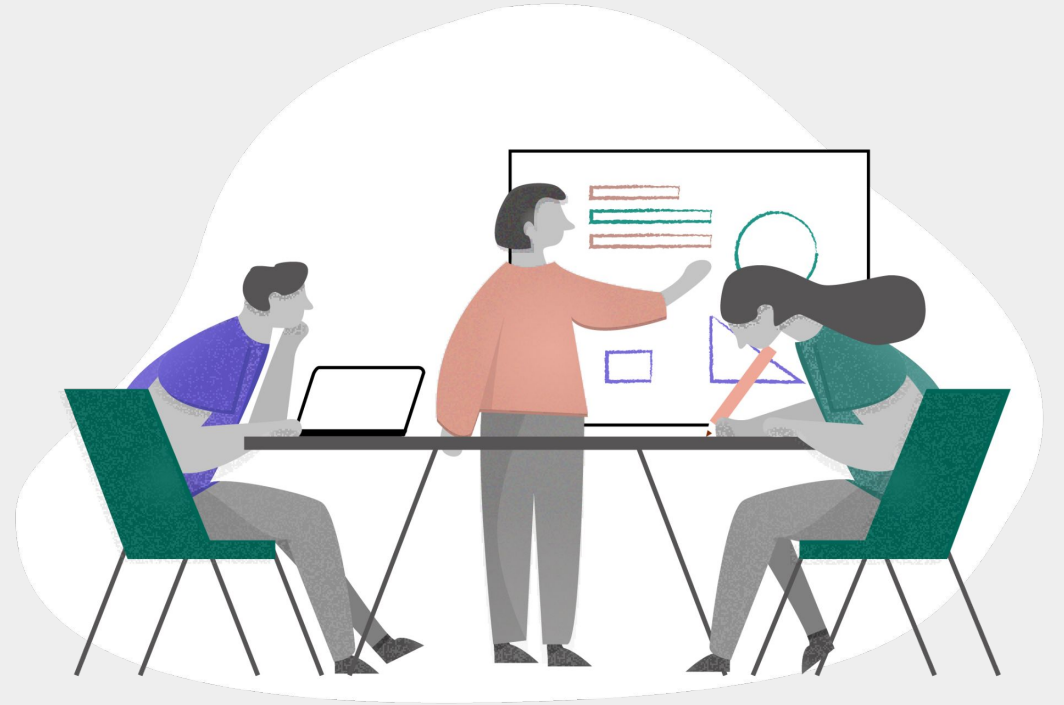
Remix

Redistribute

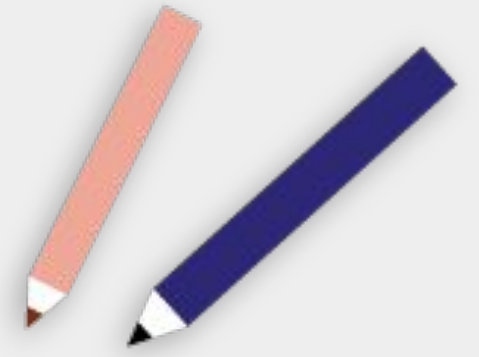


GeoGebra Classroom

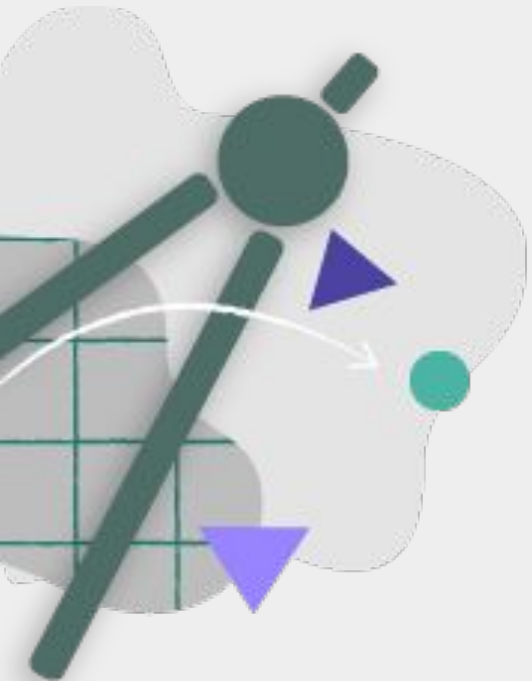
[geogebra.org/classroom](https://www.geogebra.org/classroom)



Technology ...



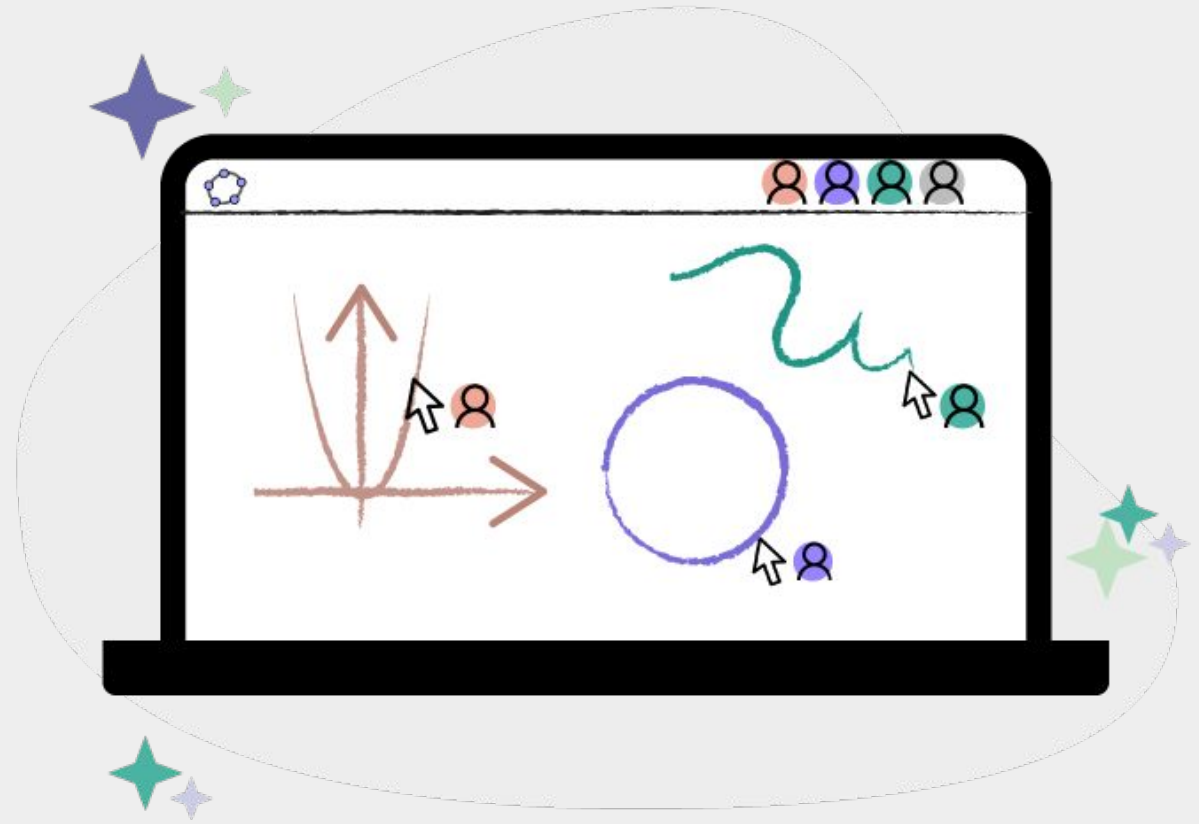
with intentionality





GeoGebra Calculators

[geogebra.org/calculator](https://www.geogebra.org/calculator)





GeoGebra Illustrative Math

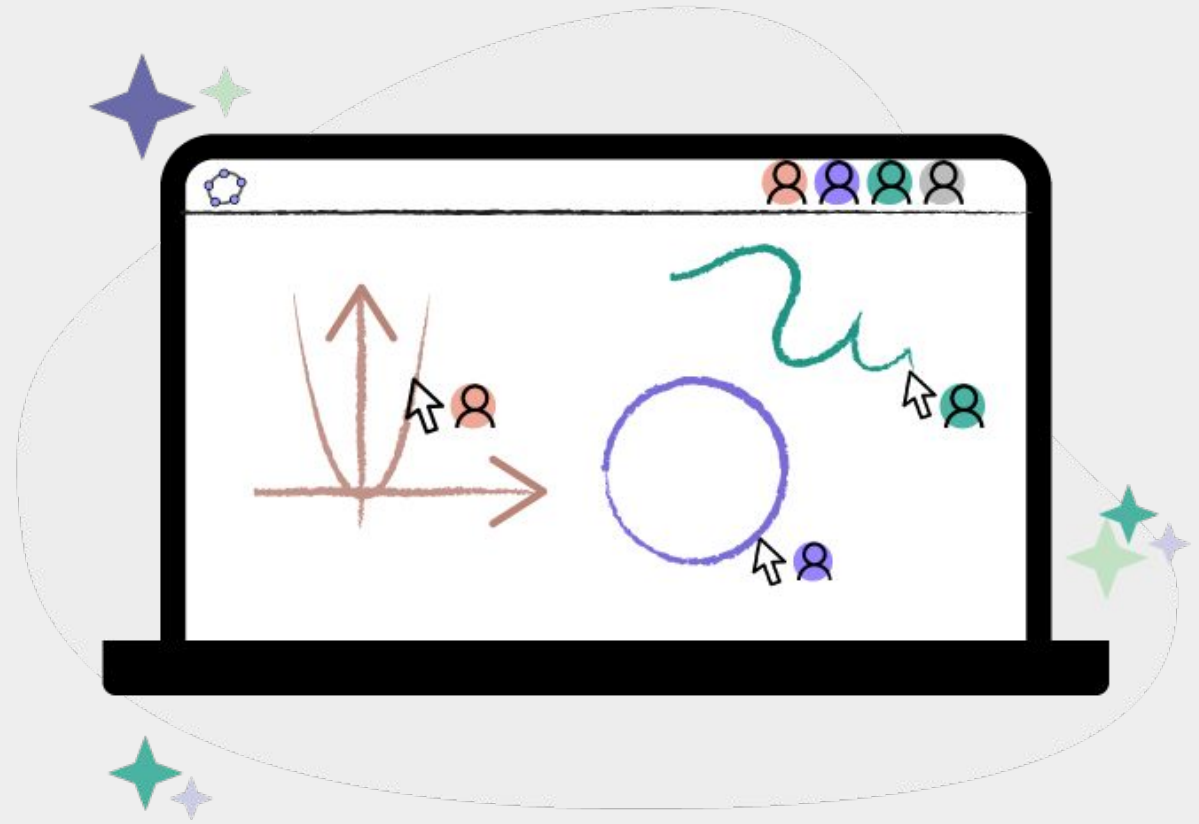
[geogebra.org/im](https://www.geogebra.org/im)





GeoGebra Notes

[geogebra.org/notes](https://www.geogebra.org/notes)



Resource Collections

6-12 Math (authored by IM): <https://www.geogebra.org/im>

Open Middle Exercises: <https://www.geogebra.org/m/jazvukfd>

Remote Learning Templates: <https://www.geogebra.org/m/ckwrg8he>

Tarsia Puzzles: <https://www.geogebra.org/m/jgcdeeq8>

Welcome Lesson Links

Original: <https://www.geogebra.org/m/cgewfjjq>

Classroom: <https://www.geogebra.org/classroom/vucnw4z5>

The screenshot shows the Geogebra Classroom interface. At the top, there is a navigation bar with the Geogebra logo, the word "Classroom", a help icon, a share icon with the ID "J6SV JUJC", and a menu icon. On the left side, there is a sidebar with "Lesson Overview" and a list of tasks from "Task 1" to "Task 8". "Task 1" is currently selected and highlighted in purple. The main content area displays "Task 1" with the subtitle "Student's view: Welcome to Monique's Classroom". Below the subtitle, there are two control buttons: "PAUSE" and "SHOW NAMES". The task instruction reads: "Drag the point to a spot that most accurately describes how you're feeling right now." Below the instruction, there are eight mood scale diagrams arranged in two rows of four. Each diagram is a 2D coordinate system with "Energetic" at the top, "Tired" at the bottom, "Negative" on the left, and "Positive" on the right. A small black dot representing a point is placed on the scale for each student. The top row shows the scales for "Student 1", "Student 2", "Student 3", and "Student 4". The bottom row shows four identical scales without student labels.

Links for Examples We Created

Example Book: <https://www.geogebra.org/m/qnra9ymu#material/CNgqkX8Z>

Edited copy of existing resource: <https://www.geogebra.org/m/bkgbehqw>

Lesson from Scratch: <https://www.geogebra.org/m/bkgbehqw>

Learn GeoGebra Page

The screenshot displays the GeoGebra Classroom Resources page. At the top, the GeoGebra logo is on the left, and a search bar labeled "Search Classroom Resources" is in the center. On the right, there are icons for a grid, a notification bell, and a user profile. A left sidebar contains navigation options: Home (selected), News Feed, Resources, Profile, People, Classroom, and App Downloads. The main content area features a "Tutorials" section with a "SHOW ALL" link. Below this, four book cards are displayed, each with an icon, the word "BOOK", a title, and the author "GeoGebra Team" or "GeoGebra Team German". The cards are: "Learn GeoGebra Classroom", "Learn Graphing Calculator", "Learn Calculator Suite", and "Learn GeoGebra Classic". At the bottom, there are three columns: "GeoGebra" with links like "About", "Partners", and "App Downloads"; "Apps" with links like "Calculator Suite" and "Graphing Calculator"; and "Resources" with links like "Classroom Resources" (highlighted with a red box) and "Learn GeoGebra".

GeoGebra

Search Classroom Resources

Home

News Feed

Resources

Profile

People

Classroom

App Downloads

GeoGebra Classroom Acti...

Steven C Silvestri

GeoGebra Team

GeoGebra Team

Tutorials

SHOW ALL

BOOK

Learn GeoGebra Classroom

GeoGebra Team

BOOK

Learn Graphing Calculator

GeoGebra Team German

BOOK

Learn Calculator Suite

GeoGebra Team

BOOK

Learn GeoGebra Classic

GeoGebra Team German

About GeoGebra

Contact us: office@geogebra.org

Terms of Service – Privacy – License

Language: English

GeoGebra

Apps

Resources

Classroom Resources

Learn GeoGebra

Classroom

Geometry

Notes

About

Partners

GeoGebra on Tests

News Feed

App Downloads

Calculator Suite

Graphing Calculator

3D Calculator

CAS Calculator

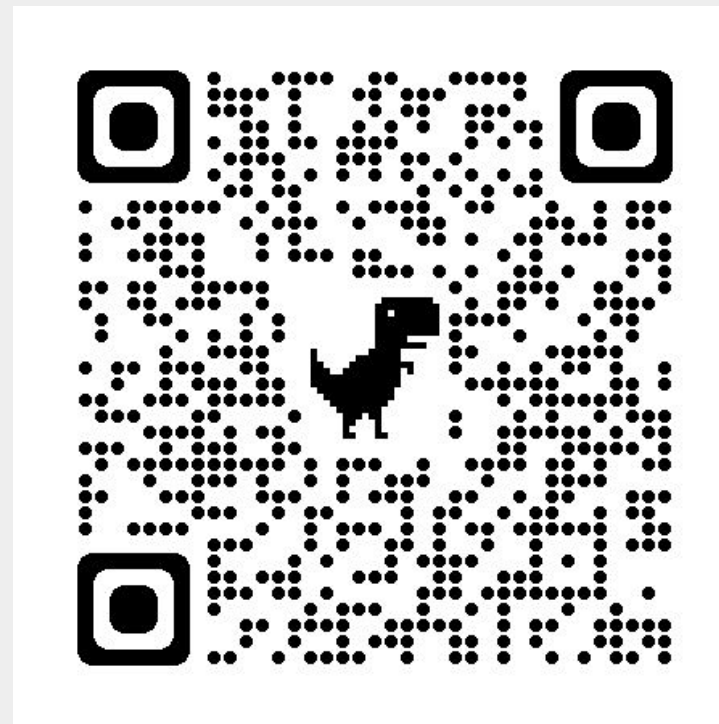
Scientific Calculator

Let's Connect!

monique@geogebra.org

 @math_monique

@geogebra



Community
Program Sign-up