

MATH APP evaluation:

1. Source (link to website or Appstore download):

<https://play.google.com/store/apps/details?id=org.geogebra.android&gl=AT>

2. Screenshot (eg):



3. Name and short description:

Geogebra is a graphical calculator. With it, students can draw graphs of functions, calculate positions of points, solve equations and many other mathematical problems, such as integrals, derivations and statistical problems.

4. Evaluation criteria:

Points:

✓ IOS and Android: (1/2)

2 (1/2)

✓ Price or free: (0/1/2)

2 (0/1/2)

✓ Measurement & sensors used: (0/1/2/3/4/5)

0 (0/1/2/3/4/5)

sensors used (altitude, air pressure, moisture, magnetic field, temperature, motion, gyroscope, luminosity, GPS)

✓ Visual design and functionality: personal rating

How easy is the APP to use? (1/.../5)

4 (1/2/3/4/5)

✓ App in multiple languages:

Does the APP meet our criteria for intercultural usage – is it available in English and multiple languages? (1/2)

2 (1/2)

✓ Relevance for lesson & topic: personal rating

How relevant is the APP to the target audience – lessons/lections/short usage in our classrooms? (1/.../5)

5 (1/2/3/4/5)

5. Summary average calculated (weighted):

4,8

(6 subcriteria with 100% = 6.0 as best possible rating)

Further sources for APP evaluation:

<https://www.edugroup.at/innovation/tablets-mobiles/apps/wissenswertes/detail/wie-kann-ich-eine-app-evaluieren.html>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5748471/>

<https://www.gcu.ac.uk/library/smile/evaluation/evaluatingapps/>