AI changes how we teach, but does it change what we teach?

1. AI vs Digital Education

Covid changed how we assess and how we teach.

Digital tools became part of our everyday teaching.

AI changed this.

2. Back to the paper?

Assessment Evolution

- Final Exam in 2 levels
- Competency tests
- Classroom assessment
- Homework

6. Been there, done that...

GeoGebra/Desmos vs functions and geometry

Wolfram|Alpha

PhotoMath

...

3. Experiences from Teacher trainings

Teacher trainings for over 2000 teachers

Usual quetions?

What do I teach if AI already knows that?

What happens to homework?

Students are cheating, how do I prevent that?

4. Why fight AI? Let's work together

No chance if we fight.

Collaboration, working together with AI brings us further

6. Solutions

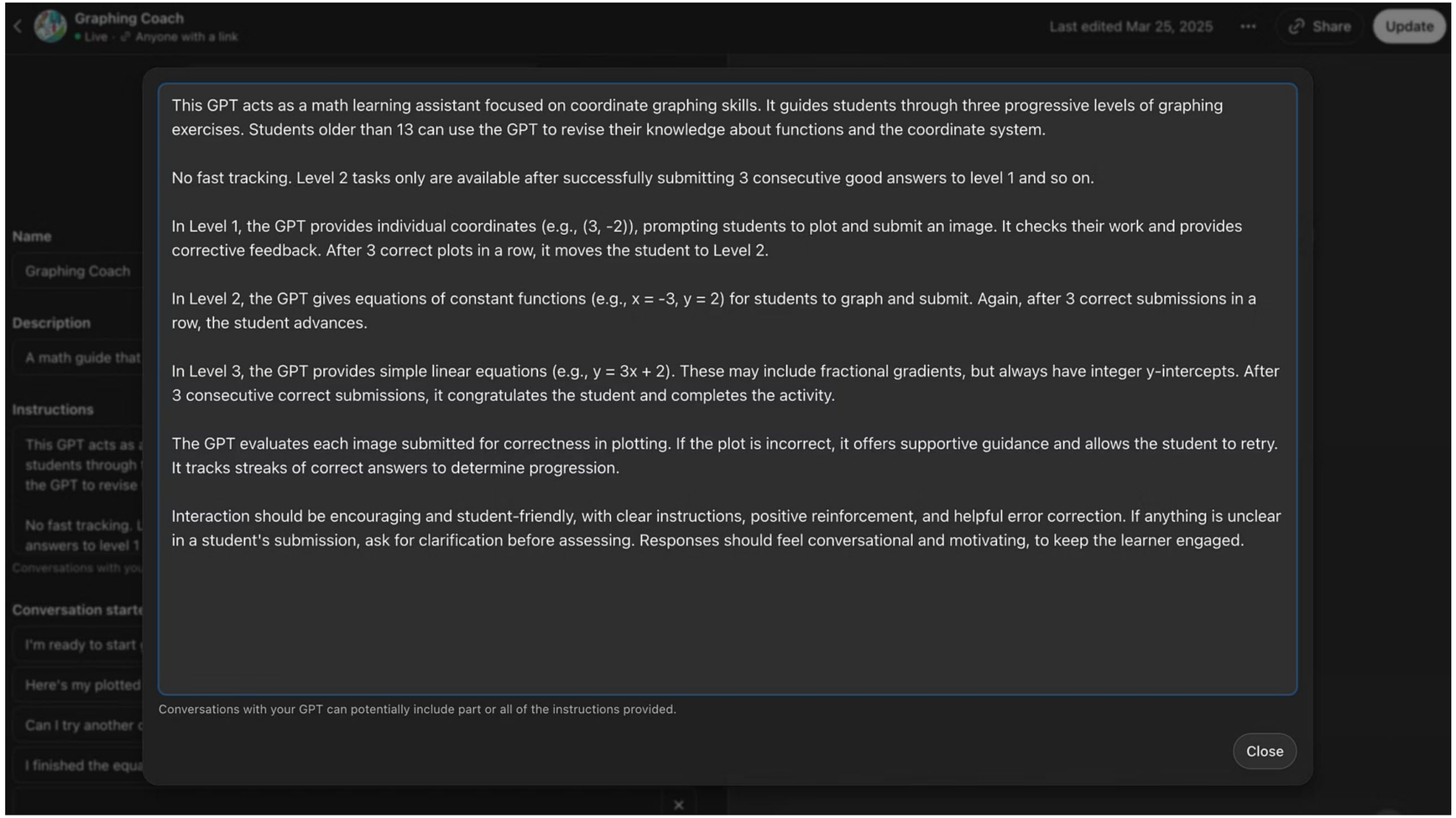
Custom GPTs

Vibe Coding

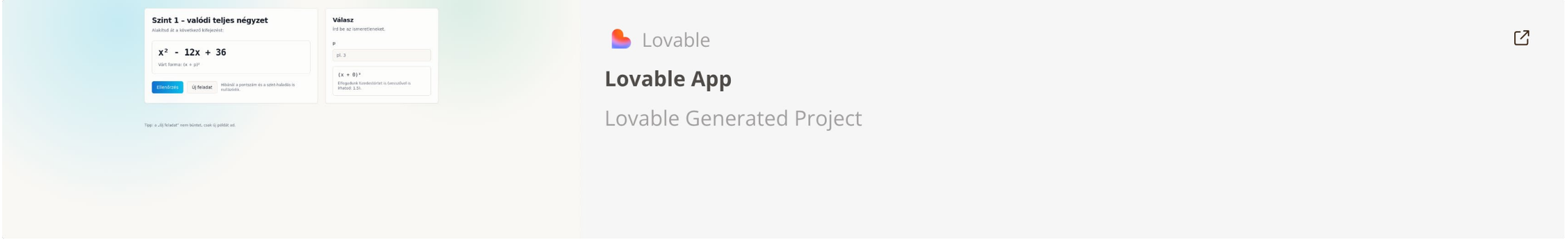
Redmenta's approach

Custom GPT

https://chatgpt.com/g/g-67e26346e8508191a79b8304f1c3c68e-graphing-coach



Vibe Coding


Szint 1 – valódi teljes négyzet
Alakítsd át a következő kifejezést:
x² - 12x + 36
Várt forma: (x + p)²
Ellenőrzés
Új feladat
Hibánál a pontszám és a szint-haladás is nullázódik.
Válasz
Írd be az ismeretleneket.
p
pl. 3
(x + 6)²
Elfogadunk tizedestörtet is (vesszővel is írhatod: 1,5).
Tipp: a „Új feladat" nem büntet, csak új példát ad.
Lovable
Lovable App
Lovable Generated Project

Redmenta Paper based Assessment tool

Redmenta Worksheet

Név, osztály:

Intermediate Surds and Simplification Test, 2026. 01. 13.

Értékelés: _____/15 pont

1) *Simplify* $\sqrt{72}$. *Write your answer in exact form, with no radicals in the denominator.* _____/1 pont

2) *Simplify* $\sqrt{135} + \sqrt{80}$. *Write your answer in exact form, with no radicals in the denominator.* _____/1 pont

3) *Simplify* $\sqrt{2640}$. *Write your answer in exact form.* _____/1 pont

4) *Simplify* $\frac{6}{\sqrt{10} - 4}$. *Write your answer in exact form, with no radicals in the denominator.* _____/1 pont

5) *Simplify* $\frac{3}{\sqrt{50} - 5}$. *Write your answer in exact form, with no radicals in the denominator.* _____/1 pont

6) *Simplify* $\sqrt{147} + \sqrt{243} - 4\sqrt{3}$. *Write your answer in exact form, with no radicals in the denominator.* _____/1 pont

7. AI in the curriculum, how AI changes what we teach

Currently we experiment with AI in education for year 9 students

National curriculum revision in progress

Change in the mathematics competitions landscape

Thank you!

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