EdAi

Artificial Intelligence
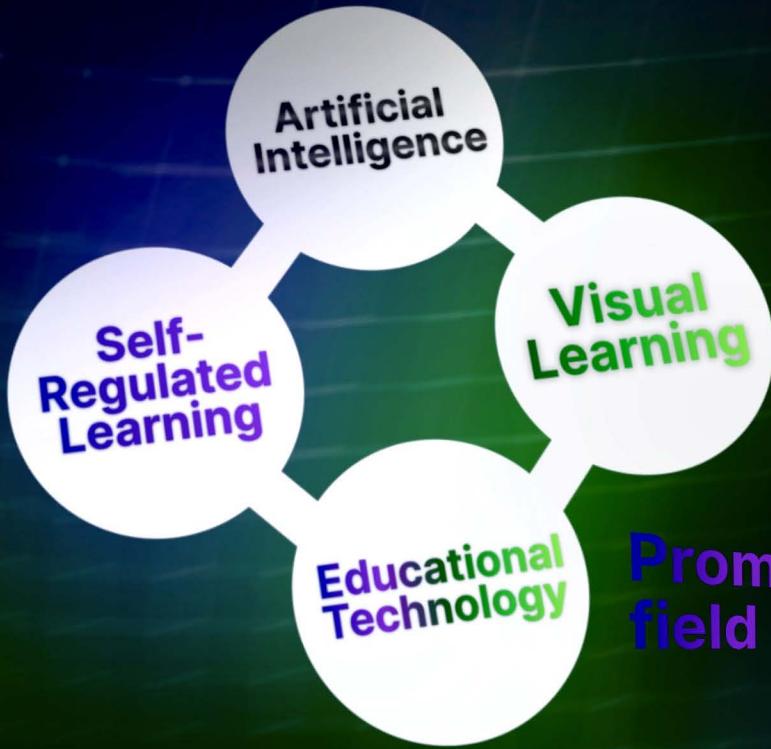## Self-Regulated Learning
Visual Learning
Educational Technology

AI is booming, and its applications in education can help students engage in self-regulated, visual learning to develop initiative.

GenEd

Prompt field

Concept bubble

Cinematic Educational Video

Generative AI creating narrated educational videos to clarify concepts and address learning gaps

Hi Name.
What do you want to learn today?

I don't understand how to find the charge of an unknown electrode with zinc example

→

Suggestion
Suggestion
Suggestion
Suggestion

GenEd

Electrode
Reaction
Zinc
Charge

"In the voltaic cell, electrons leave the zinc strip..."

Ms. Dec

Prompt field

Workflow-assisting chatbot that iteratively improves your routine by evaluating self-collected data and designing an improvement plan (IP) to practice self-regulated learning.

Hi Name.
What do you want to improve today?

Even when I make schedules I can't stick to them. I always spill into the next task because it takes too long or I can't focus. I need help managing time and distractions. →

Schedule
Pomodoro Method
- Work in 25 minutes bursts with 5 minute breaks

Buffer Zones
- 10-15 minutes in between tasks for spillover

Procedure
Batching
- Group problems by topic to reduce mental switches

Active Reflection
- 2-3 minutes after solving to evaluate wrong answers

Environment
Noise control
- Noise-canceling headphones and instrumental music

Visual cues
- Display schedule or checklist for referencing

Ms. Dec

Improvement plan