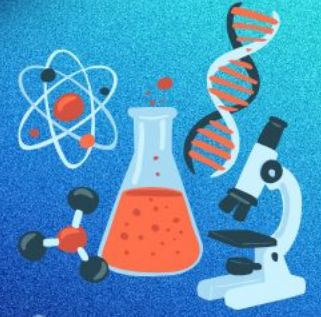
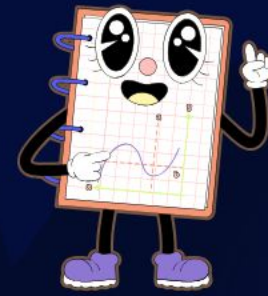




AI IN EDUCATION



EMPOWERING EDUCATORS

Crafting AI-Based Lesson Plans
using Khanmigo

Curated by:

Amit Kumar

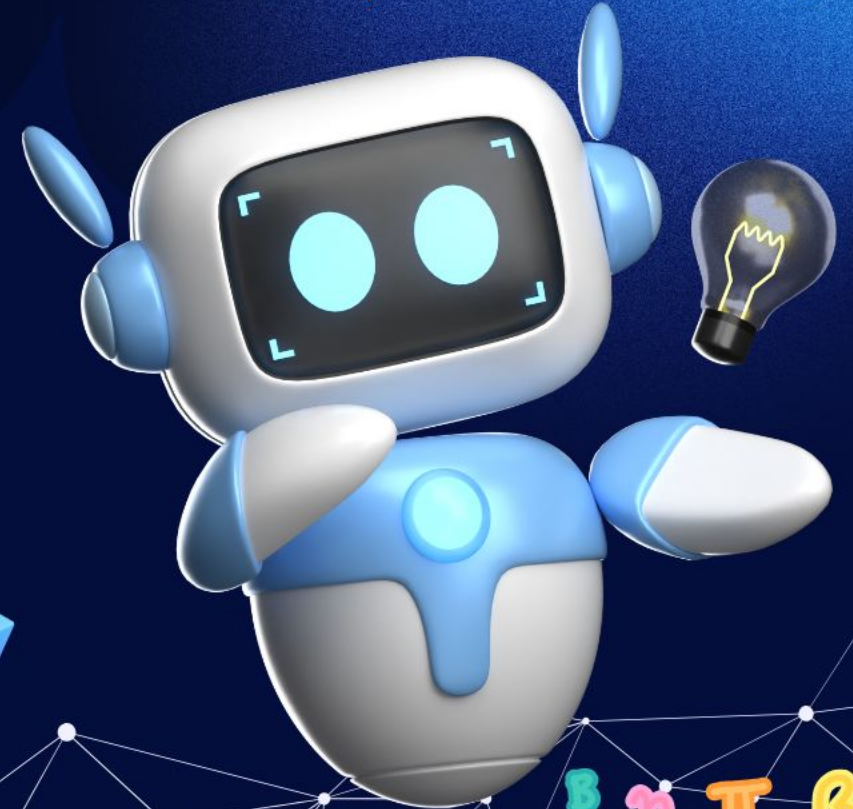
PGT(Computer Science), PM SHRI JNV Una (HP)

National Awards to Teachers 2022 (President of India)

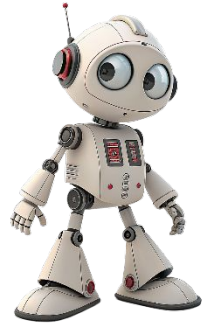
Fulbright DAI Fellow, IUP, PA, USA (2020-21) ✨

National ICT Award 2015 (President of India)

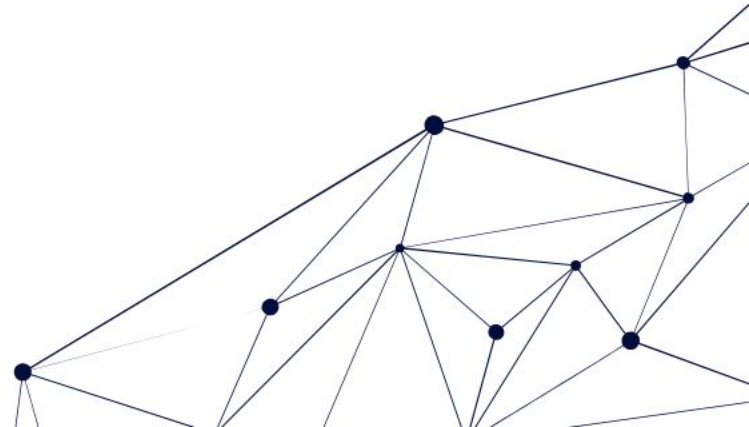
Mentor, Prerana Program, Ministry of Education, Govt of India

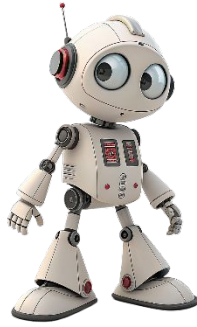


WHY USE AI IN LESSON PLANNING?



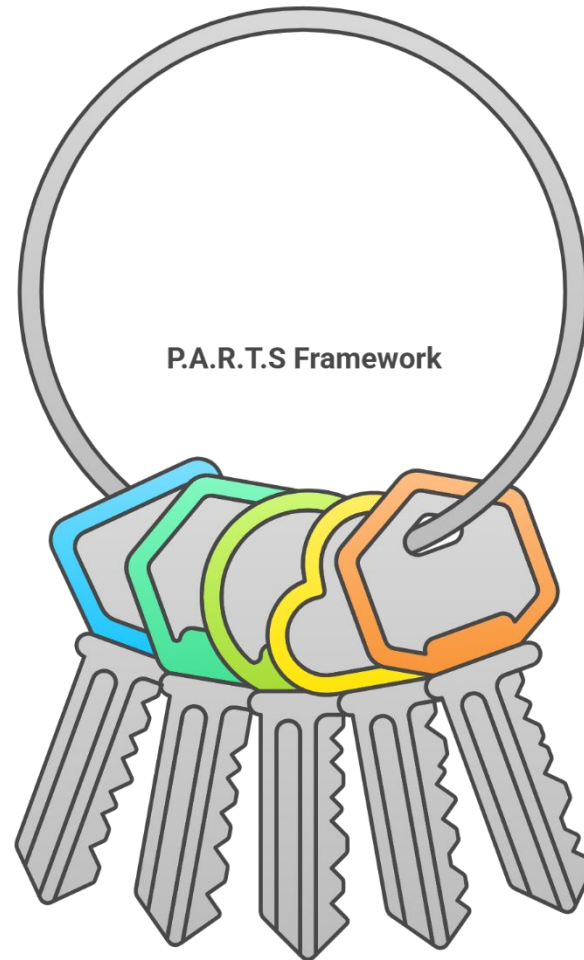
- Saves time in content creation and differentiation
- Offers personalized suggestions for varied learning levels
- Enhances creativity and interactivity in teaching
- Supports data-driven and competency-based education





ART of PROMPTING

Foundations of Effective Communication



Persona

The character or voice through which the message is conveyed.

Audience

The intended recipients of the message.

Request/Task

The action or response expected from the audience.

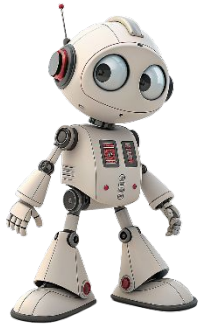
Tone/Style

The mood and manner of the communication.

Specificity/Context/Constraints

Clear details and understanding of the message's context and limitations.

Crafting Optimal AI Prompts



Effective AI Prompts

WHAT IS KHANMIGO?



- An AI-powered teaching assistant by Khan Academy
- Helps teachers create, adapt, and enhance lesson plans
- Supports inquiry-based learning, formative assessment, and student engagement
- Built in collaboration with OpenAI, aligned with classroom needs



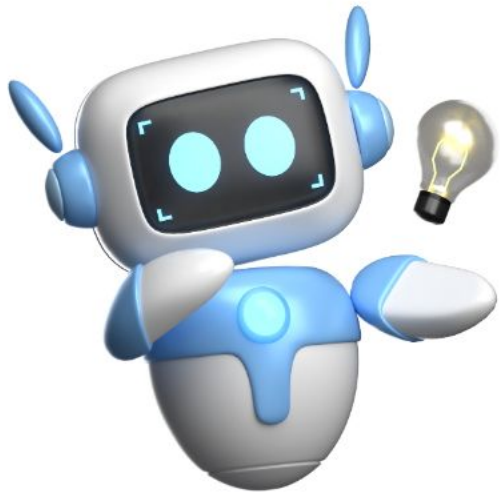


by  Khan Academy



KHANMIGO FOR TEACHERS

- Suggests lesson plans and activities.
- Provides ideas for classroom discussions or formative assessments.
- Helps track student progress and offers hints on how to support struggling learners.



STEPS TO CRAFT AI-BASED LESSON PLANS



- **Define Learning Objectives** – Identify skills and outcomes.
- **Prompt Khanmigo** – Ask for lesson ideas, activities, or assessments.
- **Refine Output** – Adjust according to grade level, duration, and subject.
- **Integrate with Classroom Tools** – Use alongside LMS or digital platforms.
- **Evaluate & Reflect** – Gather feedback and improve continuously.



For teachers

Meet Khanmigo: your free, AI-powered teaching assistant

From kindergarten to early college, math to art history, combine Khan Academy's free, high-quality materials with 25+ AI-powered teaching tools.

[Sign up for free](#)



AI IN EDUCATION

THANK YOU

"AI doesn't replace
teachers; it amplifies
their impact."

