Artificial Intelligence: A New Frontier

Enhancing Learning and Teaching

What is AI?: Artificial intelligence (AI) is a broad field of computer science that deals with creating intelligent agents, which are systems that can reason, learn, and act autonomously. In simpler terms, AI aims to build machines that can think and learn like humans.

Benefits of AI

- **Personalized Learning:** Tailored instruction based on individual student needs.
- **Automated Grading:** Efficient assessment and feedback.
- **Intelligent Tutoring Systems:** Interactive learning experiences.
- **Language Translation:** Breaking down language barriers.

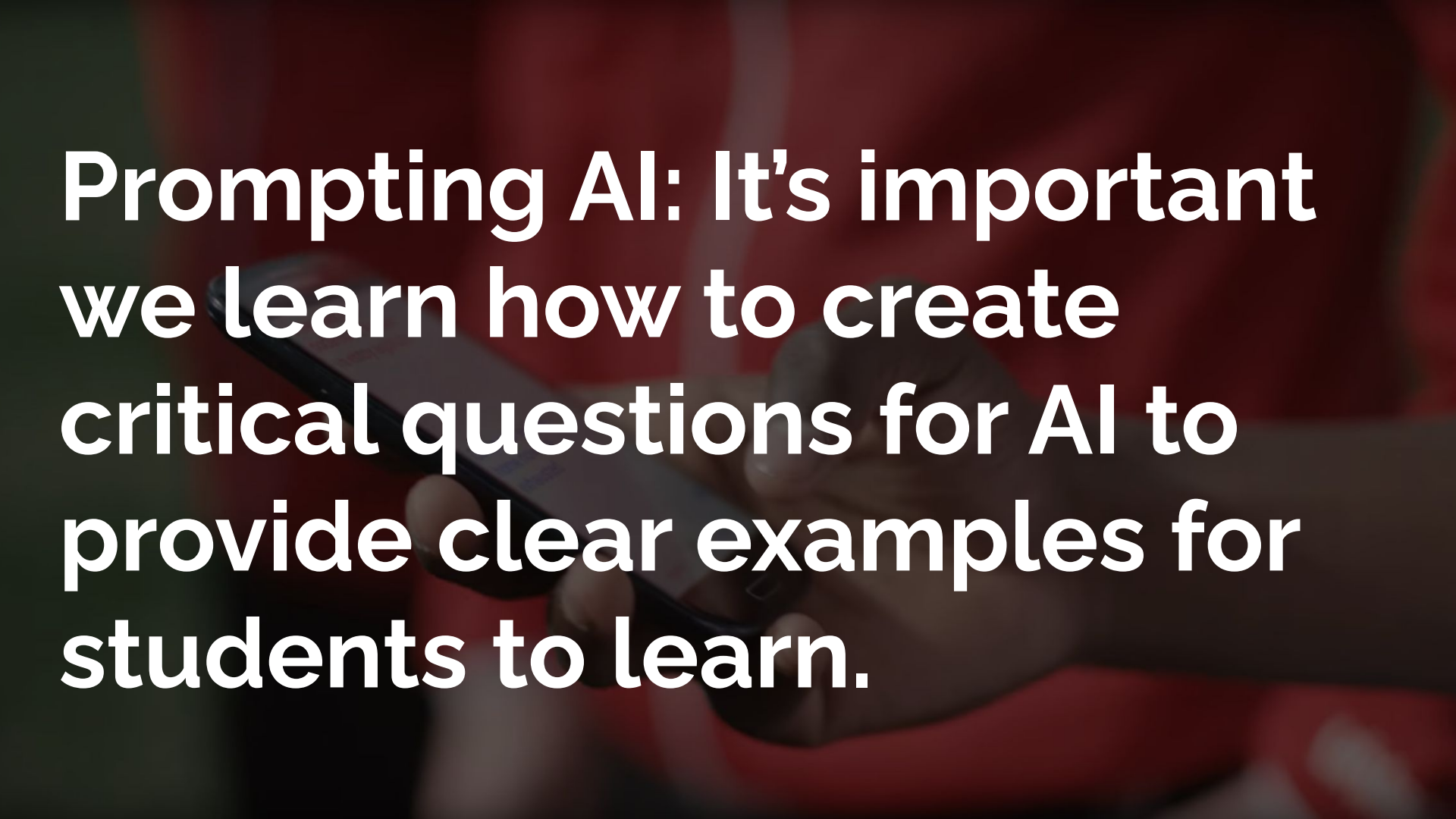
Tools and Resources

- Google: Gemini, G-Workspace, Chat GPT, Dalle, Adobe Firefly, Canva, PackBack- Through AVID
- Khan Academy, Khanmingo
- Ed Apps: HelloHistory.ai, TutorAI.me, esparklearning.com, Teach-Anything.com

Concerns and Challenges

- Data privacy, bias, job displacement to name a few…
- Teacher development and opportunity
- Accessibility

The Future of our World: Learn how the tools work and embrace the technology for how it can benefit students and staff- Create more critical thinkers.


Prompting AI: It's important we learn how to create critical questions for AI to provide clear examples for students to learn.

Guidance for Prompt Engineering

- Be Specific and Clear
- Avoid ambiguity
- Ask clarifying or more specific questions
- Be polite and provide feedback

Let’s Tinker!