Feedback Rubric: https://forms.gle/bh84rBD9sZpHbggKA

Student-led seminar:

- Starting in Week 5 students will have approx. 60 minutes to present and to lead a hands-on lab on AI.
- The application and/or app is the choice of the students. Please note that there must be a hands-on component to the presentation (15 -20 minutes ?)
- Students can create their own pedagogical approach.
- Rubric will be shared with criteria for the presentation

Date and Topic	Names	Things for the class to read/ to do (?) to prepare for presentation
Oct. 3 Magic School AI	☐ Tia ☐ Gregory ☐ Katlyn	1
Oct. 10 Learning languages through AI	☐ Eduardo ☐ Tania ☐ Lan ma	2
Oct. 17 AI resources of university counseling *Oct. 24 ~ reading wk Oct. 31 ~ asynchronous class??.	☐ Gabrielle ☑ Jen ☐ Siham	3
~~Oct 31~~ ~~Empowering Educators to Integrate AI tools in teaching using Curipod~~	☐ Eugenia ☐ Vivian ☐ Merline	4
Nov. 7 Use of AI in Communicating as Administrators	☐ Kim ☐ Remi ☐ Chunyan Xu	5
Nov. 14 Assistive technology to help students with learning difficulties	☐ Rachel ☐ Madison ☐ Mojgan	6
Nov. 21	☐ Sinmi ☐ Céleste	7

The future of education: AI classrooms		
Nov. 28 Wrap-up	Sam overview	

Here are some presentation topics generated by Claude AI:

Generative AI Applications in Education

1. **Personalized Learning Materials**
   - AI generates custom worksheets based on a student's skill level
   - Creation of adaptive textbooks that adjust content difficulty in real-time
2. **Automated Essay Grading and Feedback**
   - AI analyzes essays for structure, grammar, and content
   - Provides detailed feedback and suggestions for improvement
3. **Language Learning Assistants**
   - AI-powered chatbots for conversation practice in foreign languages
   - Generation of contextual examples and exercises
4. **Interactive Storytelling**
   - AI creates branching narratives for literature or history classes
   - Students can explore "what-if" scenarios in historical events
5. **Curriculum Design Support**
   - AI suggests lesson plans based on learning objectives and student data
   - Generates diverse examples and problem sets for various subjects
6. **Virtual Teaching Assistants**
   - AI answers student questions 24/7, providing explanations and resources
   - Monitors student progress and flags areas needing teacher intervention
7. **Simulations and Virtual Labs**
   - AI generates realistic scientific experiments for virtual labs
   - Creates complex scenarios for business or economics simulations
8. **Accessibility Tools**
   - AI-powered real-time captioning for lectures
   - Generates alternative text descriptions for images in learning materials
9. **Collaborative Learning Environments**
   - AI facilitates group projects by suggesting roles and tasks
   - Generates discussion prompts based on course material
10. **Assessment Generation**
    - AI creates diverse quiz and test questions to assess understanding
    - Generates multiple versions of exams to prevent cheating
11. **Study Aid Generation**
    - AI creates flashcards and summary notes from textbooks or lecture content
    - Generates practice problems tailored to individual student needs

12. **Parent-Teacher Communication**
    - AI drafts personalized progress reports for each student
    - Generates suggested home activities to reinforce classroom learning

My final suggestions for possible projects:

Along with the extra topics I listed, here's several more you may choose to work on:

- Google Notebook: https://notebooklm.google/
    - this is a different approach on using AI to build on Google Strengths. Would be nice presentation to showcase what it can do and you can easily create a hands-on practice activity
- School AI: https://schoolai.com/
    - new competitor to Magic School. Again it would be easy to showcase and present the service ... they have pd materials ready for presenters to use
    - this would be. a nice complement to the Magic School presentation
- Microsoft CoPilot for Education: https://adoption.microsoft.com/en-us/copilot-resources-for-education/
- UNESCO site on AI: https://www.unesco.org/en/artificial-intelligence Many many possible topics here for you to present on. There's an education section.
- Common Sense take on AI: https://www.commonsensemedia.org/ai Excellent review of AI apps … could be an excellent presentation topic