

<http://tinyurl.com/BYOAIEverGreen>

# Build Your Own HS AI Course

**Lak@ta**

**Evergreen AI 2024**

# Who We Are

- Andrew Wheatley
  - Director of Secondary Curriculum Lakota Schools
    - InnovateOhio AI Schools Task Force
- Lindsay Ellis
  - Innovation Specialist, Lakota Local Schools
- In Chat say who you are and your familiarity with using AI to create curriculum or lessons



# Agenda and What to Expect

This is a very interactive session. You will be expected to collaborate with others.

We will be collaboratively building a HS Introductory AI course that each participant can use the materials as needed.

**Part #1: Introduction to HS AI Course**

**Part #2: Course Building**

**Part #3: Bring it All Together**

# Introduction to HS AI Curriculum

- Landscape
  - CS based courses
    - <https://codehs.com/course/8264/overview?lang=en>
    - <https://studio.code.org/s/aiml-2022/lessons/6/student>
  - Non CS Based
    - <https://ai-4-all.org/resources/>
    - <https://www.dayofai.org/curriculum>
    - [IBM SkillsBuild AI Fundamentals](#)
    - <https://code.org/ai#ai-curricula>

# Introduction to AI Course Outline

- What
  - [Social Studies Course](#)
    - Current events foundation
- Why
  - Easy to start
  - Easy to scale
  - Meets diverse groups of students
- How
  - Use a LLM to create a course
    - Including lessons and resources

# Introduction to AI Course Outline

- Process
  - End Product
    - [Google Doc](#)
      - 1 Semester HS AI Course
        - 6 Units
          - Learning Objectives
          - Current Events Activity
          - Lessons
          - Performance Based Assessment
        - Final Assessment
      - Each breakout group will complete one task using AI to create task
    - Rapid Collaboration
    - Don't let perfection be the enemy of good

# Curriculum Writing Prompt Engineering

- Getting AI to do what you want?
  - ChatGPT, Gemini, Etc.

Good afternoon LLM friend. I need some help today making a HS AI course. I already have an outline, but I need to go much deeper. Develop Units and lessons for this course so that a teacher can be ready to use it. Here is the Outline. Evergreen AI Course Outline Draft

Not yet. I would like to start one unit at a time. I would however like each unit to have an element of current events related to the topic of that unit. For example Ethics Unit would have the teacher provide a current events article about ethics. Students would find their own article and research. Then do some sort of collaborative activity. It would be assessed by students turning in their research and reflection and or presentation. Can you start by creating a template for this that would work for each unit.

Thanks, this is good but it is teacher facing. I will use this but I need student facing directions. Please create, thanks!

# Curriculum Writing Prompt Engineering

- Getting AI to do what you want?
  - Things to ask AI
    - Be more detailed
    - Raise or lower rigor, DOK, Lexile, etc.
    - Create rubrics, Charts, Pictures, etc.

Thanks, can you be more specific for the assessment section. I would like it to be a reflection. Can you provide more details about the directions for a student reflection

Can you create a rubric for this in chart form

Can you great 5 questions for an assessment for Unit one of the AI course from earlier. Please make 3 questions DOK level 1 or 2, 1 question DOK level 3 and 1 Question DOK level 4 or 5



# Curriculum Writing Demo

- Quick Demo of using ChatGPT for curriculum writing
  - <https://chat.openai.com/share/1fb93d65-23aa-4356-bc5f-b17c0c8070f0>

# Breakout Rooms (time: )

## Breakout Rooms

- Room 1: [Unit 1](#)
  - Room 2: [Unit 2](#)
  - Room 3: [Unit 3](#)
  - Room 4: [Unit 4](#)
  - Room 5: [Unit 5](#)
  - Room 6: [Unit 6](#)
  - Room 7: [Current events template](#)
  - Room 8: [Final Assessment](#)
- 
- [Q&A Back Channel](#)



**“Perfect is the  
enemy of good”**  
*-Voltaire*

# Results

- What Did We Learn
- What Did We Make
  - [AI Course Collab Doc](#)

# Thanks!

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