

ChatGPT for Education

ChatGPT, based on OpenAI's GPT architecture, is an advanced language model that can be used to create engaging and interactive educational content. This document summarizes various prompts that can be used to enhance the learning experience, promote critical thinking skills in students and help teachers save time.

Prompt Guide for Teachers

Planning

- "Create a lesson plan for a class of [student level] students that covers [concept] and includes a variety of activities and assessments aligned to [State Standards]."
- "Create a lesson plan for a unit on [concept being taught] that includes a variety of activities and assessments and takes into account the following paragraph where I provide a brief description on the skills and knowledge of my students."
- "Create a lesson outline with learning intentions, creative activities, and success criteria for a lesson on [concept]."
- "Generate a rubric for an 11th grade assesses the learning outcome for an essay 'understand the causes and consequences of the Industrial Revolution' as a table."
- "Generate a group assignment for a grade 8th social studies class on the causes of the Civil War that requires full participation from each group member."
- "Generate role descriptions for 5 students on this project."
- "Generate questions for a getting-to-know-you activity for a high school English class."
- "Create a game that will demonstrate Mutually Assured Destruction (MAD) for High School Students that will be played in small 5 person groups and contains a reflection component after the game. The game should last 20 minutes. It should require little set up time. It should align to IDOE American History Standards for 11th Grade."

Assessments

- "Create a quiz with 5 multiple choice questions that assesses students' understanding of [concept]."
- "Generate a quiz on the concept of the water cycle for a high school science class aligned to IDOE standards."
- "Generate an assessment task for 11th grade student that assesses the learning outcome 'understand the causes and consequences of the Industrial Revolution' aligned to IDOE standards."
- "Generate a question that assesses a student's understanding of the concept of photosynthesis in a biology lesson."

Exemplars

- "Generate an example of a well-written essay on [topic] that meets the criteria for an 'A' grade (above)."

- "Generate an exemplar of a well-written essay on [topic] that meets the criteria for an 'A' grade (above), with detailed annotation explaining the success criteria."
- "Generate a glossary of terms and definitions for a unit on [concept]."
- "Generate a task that asks students to summarize the main points of a lesson on the American Revolution."

Project Based Learning

- "Create a PBL assignment mashing up [LBJs War on Poverty] for American History and Mathematics aligned to IDOE Education Standards."
 - Create an introduction letter for the students explaining the project as if they were in LBJ's government.
 - Generate rubric for the project aligned to the NTN outcome rubric as a table.
 - Create a student project plan with roles and responsibilities for a 5-student team.
 - Create a list of weekly deliverables.

Differentiation

- "Create an assignment that is challenging for students who have a strong understanding of [concept], but also provides support and scaffolding for students who are struggling with the material."
- "Rewrite the following excerpt for an [Student Level (ELL, Middle School, 5th Grade, etc.)] '...'"
- "Provide a list of vocabulary words from this excerpt that students at a [Student Level] may not know '...'"
- "Create a list of differentiated assignments for ELL students [in context of a given assignment]"

Feedback

- "Generate a list of specific steps that a student can take to improve their performance in [subject/task]."
- "Generate an annotated work sample for a persuasive writing task that compares a novice essay to a proficient essay for the causes of the Great Depression."
- "Give feedback on the question, "How did African Americans respond to emancipation?" the student answered "After the Emancipation Proclamation..."

Administration

- "Create a poster that lists the classroom rules and explains the consequences for breaking them."
- "Create a list of 5 professional development activities that could be used to help teachers improve their skills in using data effectively."
- "Create a list of 5 types of data that teachers can collect to monitor student learning and progress."
- "Create a set of questions that teachers can use to analyze data and identify strengths and gaps in student learning."
- "Create a list of 5 teaching strategies that could be used to support the learning needs of this student that has the following data..."
- "Generate ideas to indicate transitions in a high school class."

- “Create a university reference letter for Jan Doe in my Dual Credit US History Class. She is smart, hardworking, diligent, contentious and a natural leader. She received an A in my class. She plans on attending Acorn State.”

Prompts Guide for Students

- “I’m trying to improve my understanding of the bank runs in 1920s and 30s conflict. Develop a creative choose-your-own adventure story and keep asking me to choose an option before moving on to the next part of the story.”
- “I’m trying to improve my algebra. ask me an algebraic question and keep asking me adaptive questions for me to improve.”
- “Develop three possible research questions on the following topic: ‘Reflecting American Freedom through History.’”
 - “Based on the second research question, develop three further research questions.”
 - “Create an outline for an academic research paper with the following research question:
... “
 - “This seems like too much information to fit into only 8 pages. Can you condense the outline, for example removing the appendices and simplifying the structure?”
 - “What are some good primary source materials to start researching?”
 - “What secondary sources...”