

Supercharge Your Planning

Using ChatGPT as Your Teaching Assistant

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bit.ly/AssistantGPT

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*ChatGPT:
My very well-informed,
personable, pleasing,
teaching assistant*

”

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What if your next great lesson idea isn't in a book or a meeting—but in a single, well-phrased question you ask ChatGPT? Challenge yourself to explore the possibilities.

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Focus & Objectives

- ▶ Objectives:
 - ▷ What is it?
 - ▷ How to use it
 - ▷ Examples



What is it?

▶ What is ChatGPT?

- ▶ A powerful AI tool that generates human-like text based on the prompts you give it.
- ▶ Acts as a virtual teaching assistant to save time, brainstorm ideas, and enhance lesson planning.
- ▶ Designed to adapt to your needs—whether it's creating lesson plans, modifying activities, or answering questions.

- ▶ [ChatGPT Foundations for K-12 teachers](https://bit.ly/AssistantGPT) (FREE 1-hour course)



How to use it

▶ Prompting

- ▷ Why Prompting Matters
 - ▷ Clear, specific prompts yield better, more targeted results.
 - ▷ Think of ChatGPT as a highly informed but literal teaching assistant: It needs detailed instructions to deliver exactly what you need.
- ▷ Key Elements of an Effective Prompt
 - ▷ Be specific: Include grade level, subject, and objective, standards.
 - ▷ Set a clear task: Ask for a specific output (lesson plan, activity, example).
 - ▷ Provide context: Share details about your students' needs (e.g., struggling readers, advanced learners).
 - ▷ Use keywords: Include concepts or skills you want addressed (e.g., fractions, persuasive writing).
 - ▷ [Prompting Resource document](#) (CRE Framework)
 - ▷ [GenAI Prompt Library](#)



Prompting Examples

▶ Example 1: Elementary ELA (3rd Grade)

- ▷ Bad Prompt: "Help me with a reading lesson."
- ▷ Better Prompt: "Create a 3rd-grade reading lesson plan focused on identifying the main idea and supporting details in a story. Include a group activity and an independent worksheet."

▶ Example 2: Middle School Math (7th Grade)

- ▷ Bad Prompt: "Explain fractions."
- ▷ Better Prompt: "Explain how to compare fractions with different denominators to 7th-grade students. Use a real-world example involving sharing food, and include a practice problem."

▶ Example 3: High School Science (Biology)

- ▷ Bad Prompt: "Write a lesson on cells."
- ▷ Better Prompt: "Create a high school biology lesson plan about the structure and function of plant and animal cells. Include a hands-on lab activity, key vocabulary, and a formative assessment question."



You Try It!

▶ Quick Activity

- ▶ Brainstorm a lesson, topic, standard, activity, need, etc.
 - ▶ Try an initial prompt with ChatGPT and refine it
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- ▶ Remember...this is an iterative process
 - ▶ It should be a conversation
 - ▶ Don't be afraid to push back against ChatGPT
 - ▶ “well-informed” does not mean “all knowing”
 - ▶ ChatGPT is NOT a search engine



Brainstorming Ideas

- ▶ Integrate Lessons/Topics (Math Communication example)
- ▶ Have it create the format you need
 - ▷ Quizziz example with US History
- ▶ Interview skills
 - ▷ Mock Job interview
 - ▷ Character interviews
- ▶ Modify documents, lessons, etc.
 - ▷ Preschool article example
 - ▷ OT handout
- ▶ Real-world connections
 - ▷ Educator Bootcamp example
- ▶ List of [brainstorming ideas from ChatGPT](https://bit.ly/AssistantGPT) (for Elem., MS, & HS)



“Technology will never replace great teachers,
but in the hands of great teachers,
it’s transformational.”

– George Couros

The ultimate goal of every tool we use is to create better learning experiences for our students. How will you use AI to make your teaching more engaging, efficient, and impactful for your students?

Questions? -

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