

ChatGPT Prompts Used During Training

Introduction

You are an expert in teacher professional development and a nationally-recognized education trainer. I am conducting a professional development session for teachers on the use of ChatGPT to transform teaching and improve student achievement. About 25 people will be in the training, representing grades Kindergarten through high school. Please **provide the script for a 5-minute opening remark** that I can present to the teachers.

I am going to give you a sample speech to introduce a training session for teachers on ChatGPT. From this script, **pull out 5 keywords** to remember that provide a summary or overview that will help frame the session and provide context for teachers thoughts during the session. Here is the script: [text pasted here]

Create an image that shows a teacher using ChatGPT. Landscape ratio, largest image size

Create a word cloud of words about education and ChatGPT. Use a variety of colors for the words. Make it landscape ratio, high image quality

Prepare a Likert-type question that I can ask workshop participants at the beginning of a workshop to ask about their prior experience with ChatGPT

Writing Prompts

Weak:

Explain photosynthesis

Strong:

As a middle school biology teacher, explain photosynthesis in a way that includes real-world examples and is easy for 8th grade students to understand

Weak:

Write a lesson plan for English Language Arts

Strong:

I want my 10th grade English Language Arts students to master identifying themes in text, using the book "1984". Write a lesson plan I can use, and identify the content standards. Student learning activities should be interactive and cooperative. Include a rubric assessment based on a 5-point scale. The lesson should take no more than 3 days.

Weak:

Help me improve student behavior

Strong:

You are a behavioral specialist. I have 3 students in my class who are always causing

trouble by making noise, distracting other students, and talking back. What strategies can I use to help them improve their behavior?

What do you think of my prompt? Do you have recommendations for making it better?

Use ChatGPT to Write Prompts!

I need a lesson plan for my 12th grade students. **Ask me questions** for information you need to prepare a great lesson plan.

After I answer, **keep asking more questions** until I respond “Ready” or until you have sufficient information.

Then **create the lesson plan**.

Instructional Resources

Pre-Reading Vocabulary (and Cloze test)

You are an instructional specialist for middle school language arts. My 6th grade students are studying Chapter 1 of Hatchet by Gary Paulson.

Review the uploaded text and then do these tasks:

1. Provide 10 vocabulary words from this chapter with short definitions
2. Create a cloze test using these words, with blanks for filling in the words, and the word list provided below the test.

Now please create a detailed outline of this chapter.

Translate this chapter into Swedish.

Discussion Prompts

Provide 5 critical thinking discussion questions that I can use with my 6th grade students. *(or for each level of Bloom's taxonomy)*

Provide a multiple-choice quiz on the passage. Only use 5 questions for the quiz. After the quiz, provide a list of the correct choices.

Revise the passage for a lower Lexile level so it's appropriate for students aged 8.

Please list 5 more types of resources that will engage students with this topic.

Lesson Planning

You are a specialist in elementary education with 20 years of experience. I am teaching 5th grade students to do long division for the first time. Here are your tasks:

1. **Write a 30-minute lesson** plan to help me teach this skill. Include learning objectives, content standards, student activities, and assessment strategies. The activities should be cooperative and active, using physical objects to manipulate. Include strategies for differentiated instruction for students who are academically delayed and students who are quick learners.
2. **Provide resources** students can use to expand knowledge.
3. **Create 2 resources** that students can use as homework to review steps to long division and practice this skill.

Provide a detailed outline that I can use for the lesson introduction section, with examples and steps.

Modify this lesson for students who are English Language Learners and developmentally delayed and who need additional hands-on practice with simpler problems.

Assessment

Create the cloze test for vocabulary about the Mayan culture with 10 blanks where words are missing. Provide the list of words underneath the cloze test.

Generate a multiple choice test for verb tenses. The test should have 10 sentences. In each sentence, have a blank for the verb. Add possible choices under each sentence, with only one correct choice.

My 10th grade students will give presentations on tectonic places. I have two tasks for you.

1. **Create a rubric** in table format to assess students' oral presentations, with a 5-point scale. There are two major areas to assess. First, content knowledge with 3 components to assess: criteria include knowledge of structure and composition, boundaries and movement, role in the rock cycle. Second, presentation efficacy. Make this a 5-point scale.
2. After the rubric, **create a scoring form** that can be used to record scores for each presentation. The form should have a place for student name and date, followed by the topics and scoring information, and a place to add comments below the scores.

Carefully **review this writing rubric**. Let me know if you understand how to grade students' writing based on this rubric, and then I will provide you with a sample of student writing.

1. **Evaluate** the writing sample below based on the rubric.
2. **Provide scores** for each category and explain why you gave that score.
3. **Provide an overall score** based on a 100-point scale. Assume that each category is equally weighted.
4. For every component that is less than the top score, **provide specific strategies** the student can use to attain the top score.

Writing sample: [paste text here]

Non-Instructional Tasks

*A SMART goal means a goal that is Student-centered, Measurable, Attainable, Relevant, and Time bound. If you understand SMART goals, **tell me** before I give you more information.*

I am a teacher of 15 kindergarten students. According to their test scores on the iStation assessment, only 7% of students are proficient in phonemic awareness. **Write a SMART goal** that I can use in my 90-day growth plan to reach 44% proficiency. Then **provide 2 or 3 sample instructional strategies** that I can use.

Repeat this task for Vocabulary Development. Student proficiency should increase from 12% to 50%.

Here are student scores for Grammar on their beginning of year test, middle of year test, and end of year test.

1. **Plot** each student's progress over time.
2. **Identify the students** who seems to need most help, and tell me why you selected those students.
3. **Plot** the scores for just those students

Here are the data:
[pasted data table]

Now, using the same data, **determine the average** level per test and **plot those averages**.

Review these data of students' reading assessments and describe what you think they are.

Create a graph of averages over each assessment period; X axis is period and Y axis is score

How are students progressing overall based on these data?

Please provide a short summary to explain these data that I can use to communicate student progress in meetings with parents.

What else can I learn about the students from these data?

Enhancing PD

I will provide you the transcript of a video about Project Based Learning. **Summarize** the video, then **provide key points and action steps** I can do to implement this topic. Transcript: [pasted transcript]

Carefully **review** this document. **Provide** a summary of the research study. Then **list** key results with detail, and **provide** the research conclusions.

I am a 2nd grade teacher, and I want to know the basic components of LETRS. **List those components** and **provide a brief description** of each. Then **provide 3 age-appropriate activities** that I can use to teach each component.

I teach 5th grade students. I want to improve my classroom climate so all students feel like they belong and are safe. I want to reduce the number and frequency of disruptive events. **Create a 2-week plan** I can use to learn how to improve the climate. Each week should have a new strategy to learn and implement. Be specific about what I will learn and how I can use what I learn.

As an expert in science instruction, **quiz me** on the next generation science standards using a multiple choice format. For any question I get wrong, **provide the correct answer and tell me why** it's the correct answer. Keep going until I'm done.

What are 8 ways teachers can use ChatGPT to improve their own written communications?

Advanced Tips

Review the following writing sample and then identify the characteristics of the writing, including

Style

Tone

Sentence structure

Paragraph structure

Organization

Word choice

Reading level

Here is the writing sample: [pasted long text]

Save these writing characteristics as "Ruskin Style". Use these writing style characteristics whenever I include [Ruskin Style]. Let me know that you understand.