

Create Metacognitive Questions With ChatGPT

Step 1: Open ChatGPT: <https://chat.openai.com/chat>

Step 2: Plug in one of the prompts below to create a metacognitive question.

- To create a metacognitive question based on an existing question:
 - Prompt ChatGPT: “Act as a [grade] grade [subject] teacher. I’ll give you a question from my assignment. Your task is to add a follow-up metacognitive question that requires students to record themselves thinking out loud as they solve the problem. The goal is to capture their real-time thought process, decision-making, and problem-solving steps. They will submit the audio or video recording along with their work. Keep the directions clear and student-friendly. Here is the original question: [Insert question here]”
- To create a brand new metacognitive question based on a topic:
 - Prompt ChatGPT: “Act as a [grade] grade [subject] teacher. Write a metacognitive assignment prompt that includes a question about [topic]. The prompt should require students to record themselves as they solve the problem, explaining what they’re doing, why they’re doing it, and how they’re checking their thinking. The goal is to capture how they process the problem in real time. Make the instructions clear and age-appropriate. Here’s more context about what students have recently learned: [Add details here.]”

Step 3: Tweak the response however you would like it to look in your assignment or ask ChatGPT to do it. For example:

- “Make the instructions fit Google Classroom.”
- “Add a reminder to speak clearly and explain every step.”
- “Make it suitable for younger students who need sentence starters.”
- “Turn the recording into a peer activity where students trade and reflect on each other's videos.”