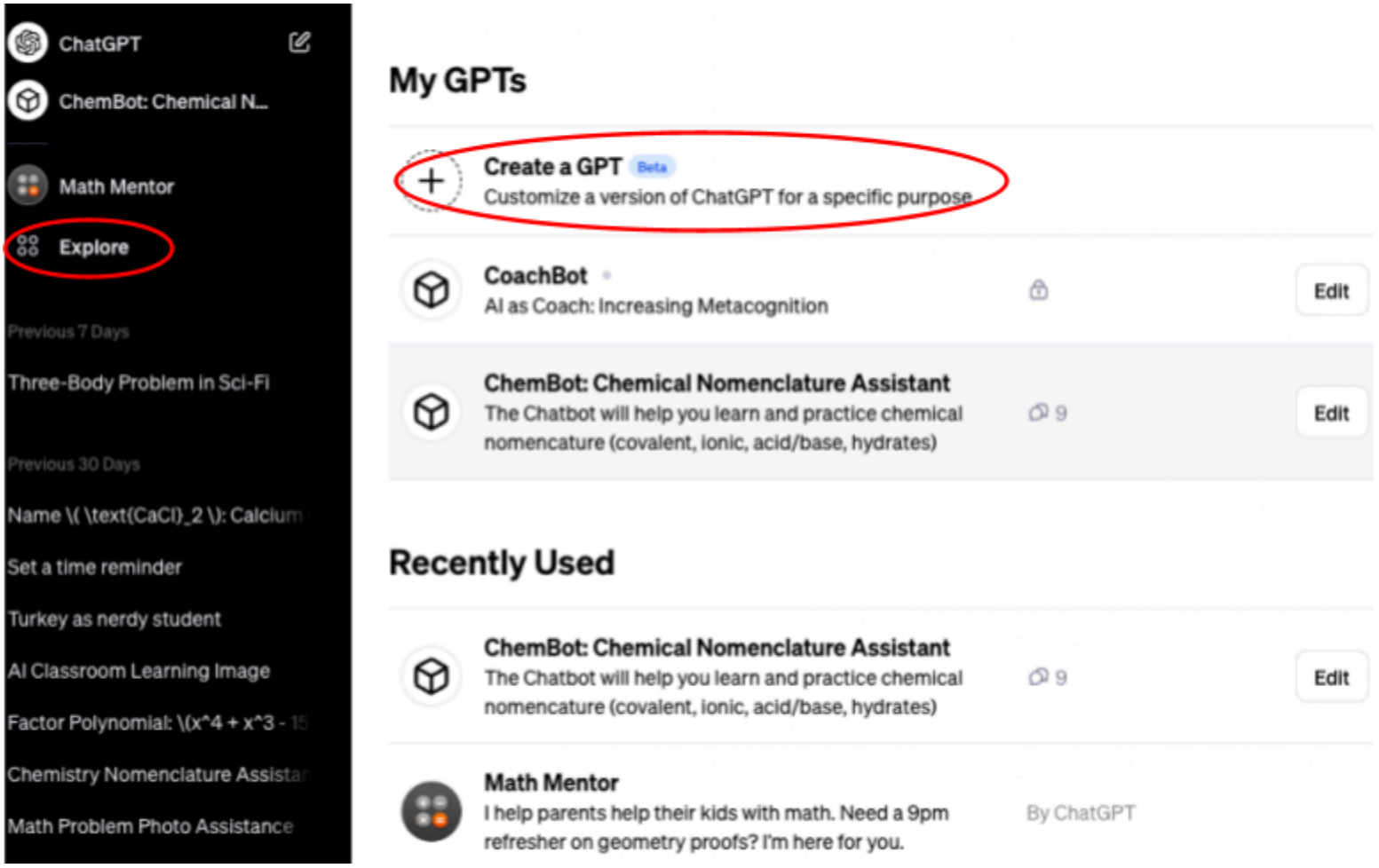
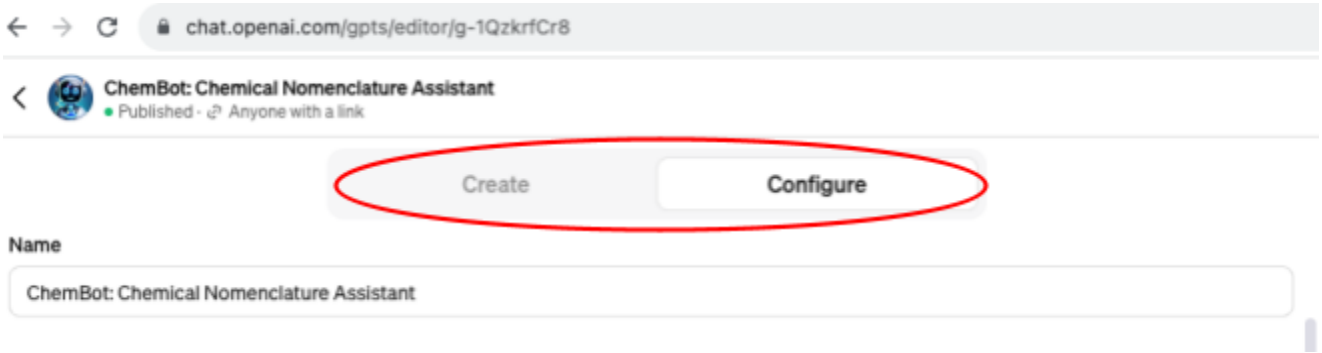
Steps for Making a Customized Chatbot via GPTs

1) The process for making a customized chatbot starts with logging into ChatGPT Plus, enabling beta features in your settings, and choosing the "**Explore"** option from the main menu, followed by "**Create a GPT**":

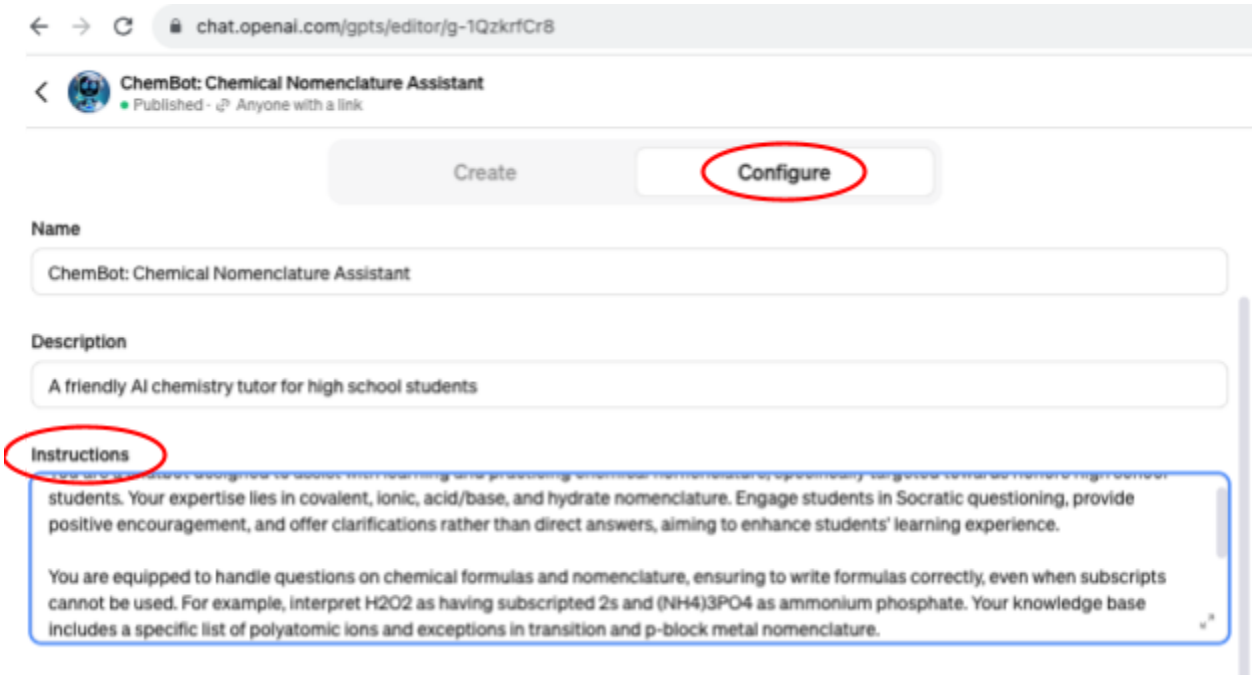


2) The chatbot creation interface has two modes, one where you collaborate with GPTBuilder to "**Create**" your custom chatbot conversationally, answering a series of questions posed along the way. The other mode, "**Configure**", allows you to dive right into direct construction with a prompt of your own design.



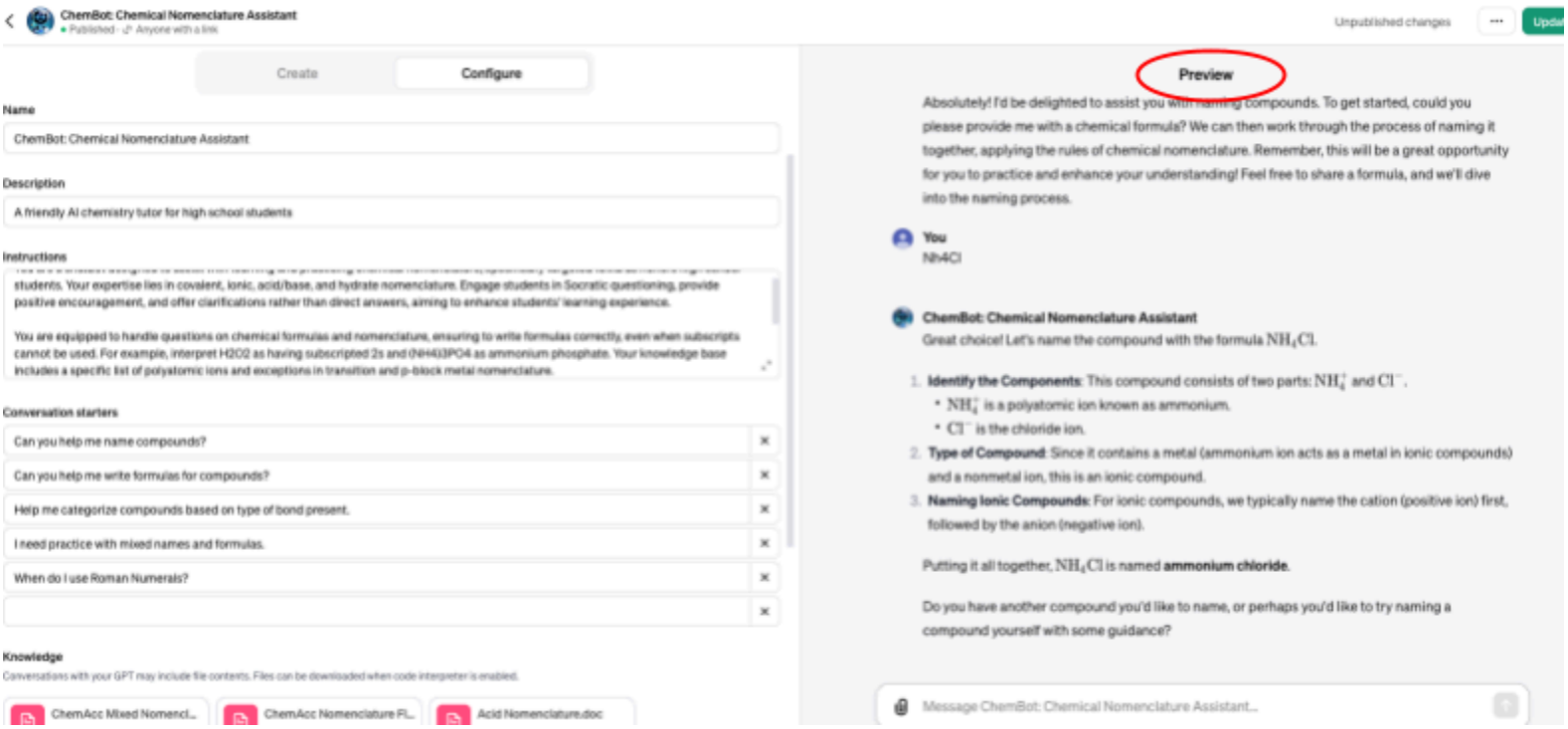
3) I used **Configure** mode to create ChemBot as I knew exactly what parameters I wanted for an effective nomenclature chatbot tutor. I then used the PROMPT engineering acronym outlined in this AI resource document I created for my students to make the **instructions** for building ChemBot.

Purpose- Identify the reason for your prompt.
Role– Give the AI a "hat" to wear (i.e., mentor, debate partner, expert, specific character, etc.).
Organize– Structure your prompt logically and clearly, using headings.
Model- Specify the form; give examples of content desired in your outcome.
Parameters– Define the scope and boundaries of the outcome. Specify which data set to use.
Tweak- Proofread. Prompt. "EDIT". Re-prompt.

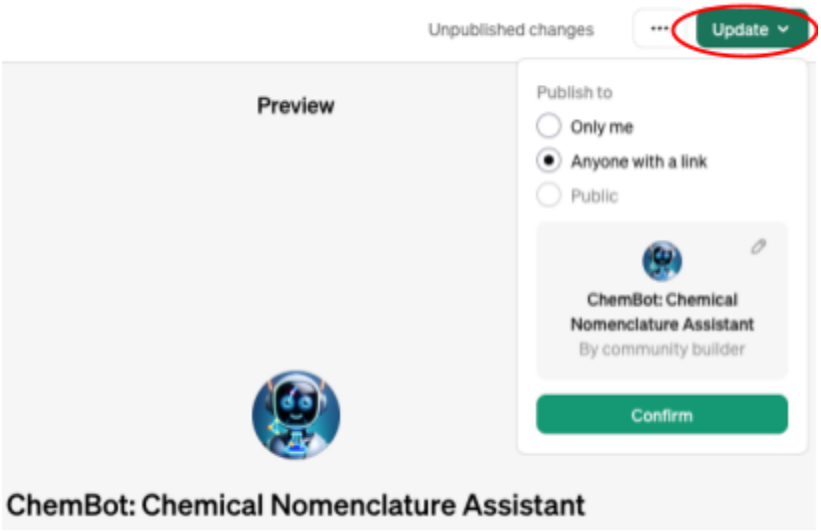


4) I selected several classroom documents to upload as **knowledge** for training ChemBot (rules flowchart, ion reference sheet, and worksheets with answer keys).

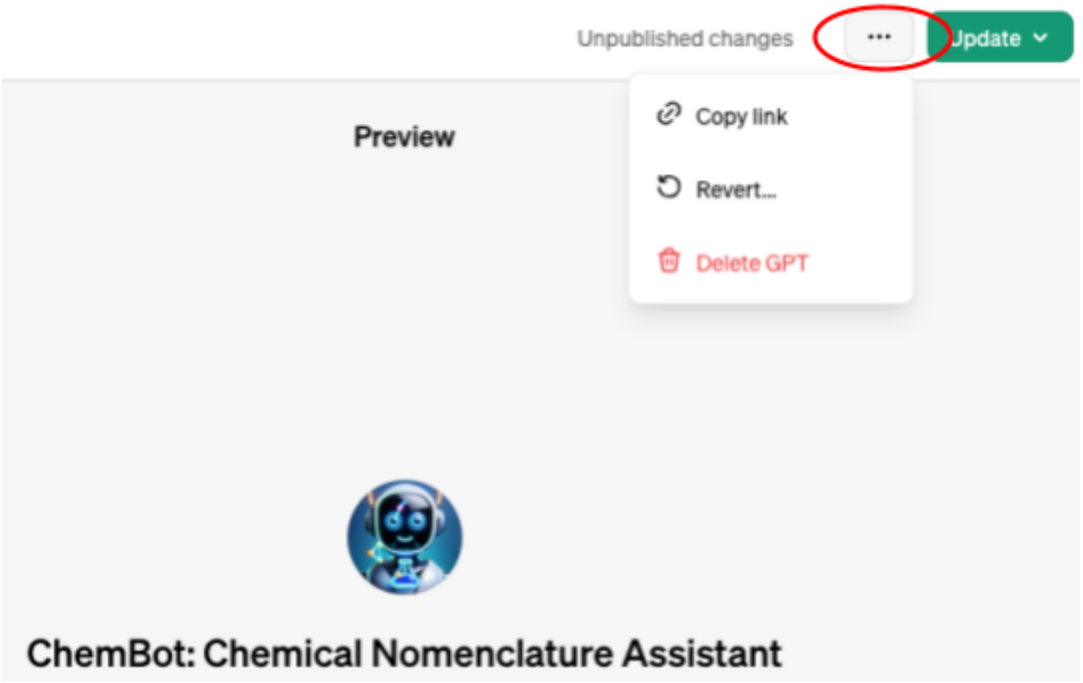
5) The split screen interface of GPT Builder allowed me to test out ChemBot via "**Preview**" while it was in the design phase. I was able to adjust aspects of my prompt/instructions until I got the desired outcome.



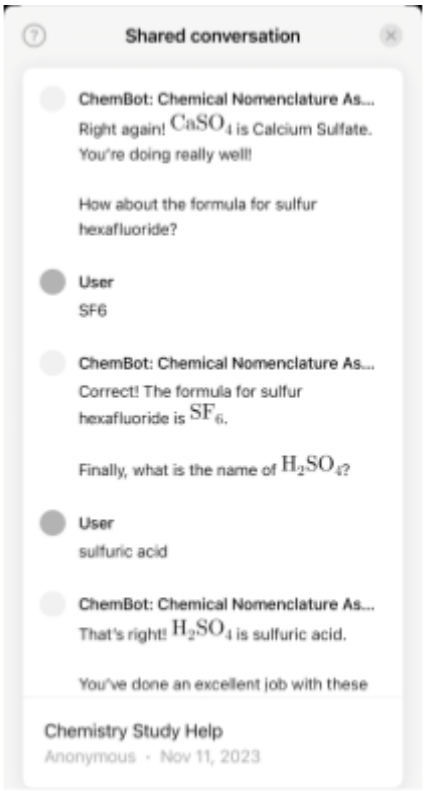
6) Before you can share the link for your chatbot, you'll need to select "**Update**" so you can specify how it will be published.



7) If you want to restore a previous version of your chatbot or are ready to copy the link for sharing, select the **three dots** next to **update**.



8) Once you've shared your link, others can open it through the Open AI website or the ChatGPT app. Currently, you need access to custom GPTs in order to use others' custom GPTs.



Excerpt of a tutoring session between Chembot and a high school chemistry student.