Prompt Crafting using Artificial Intelligence

Description

Prompt crafting is an essential skill when using artificial intelligence tools like ChatGPT, Gemini, Canva, or any big generative AI tool. AI aligns with the Leveraging Digital element of the Deep Learning Framework. Looking to learn how to create more effective prompts to help you with your A.I. usage? Then this is the badge for you!

Minds-on

Artificial Intelligence tools have the capacity to really help educators, but sometimes it is difficult to write a good prompt that will give the most effective and useful output in A.I. that you're looking for. Read over this OCSB AI Prompting Framework:

OCSB Artificial Intelligence
Prompting Framework

O — OBJECTIVE

Clearly state the desired outcome of your interaction. What are you trying to achieve? Examples:

- Create a lesson plan for [topic]
- Brainstorm ideas for [topic]
- Design a single-point rubric for [assignment overview]
- Draft a newsletter about [topics/events]

C — CONTEXT

Provide relevant background information to help the AI understand your request. Examples:

- Grade Level/Subject/Curriculum Expectations/Duration
- Materials/Tools
- Your Role/Audience
- Relevant Pedagogy (e.g. Deep Learning)

S — STRUCTURE

Define the desired format of the response. Be specific. Examples:

- Organize the information in a table with the following column titles
- Create a list of options using bullet points
- Provide student-friendly examples throughout

B — BE ITERATIVE

Refine and improve your results by continuously building upon and adjusting your prompts based on the responses. Examples:

- Focus on [topic/theme]
- Make these questions more open-ended
- Differentiate this activity for multilingual learners

SAMPLE PROMPT

Brainstorm potential inquiry questions for a unit about space.

Align the inquiry questions with the Earth and Space Strand of the grade 6 Ontario Curriculum. Ensure the questions are student-friendly and open-ended.

Organize the inquiry questions in a table with the following column titles: Inquiry Questions, Overall Curriculum Expectations, Specific Curriculum Expectations.

Iteration 1: Create a list of vocabulary terms and corresponding student-friendly definitions for these inquiry questions.

Iteration 2: Which digital tools/learning partnerships can be leveraged to support this learning experience?

Remember **the 80/20 rule** when it comes to what you end up creating. Your professionalism as an educator requires that you check over the output from AI (the 20%) for accuracy, as well as adding your own tweaks to improve and personalize the learning experience for your students. Be iterative, as the framework suggests, until the output is where you'd like it to be. Sometimes you need to add additional or more precise information to get what you want. Please remember to be transparent when you're using A.I. with your students and their families.

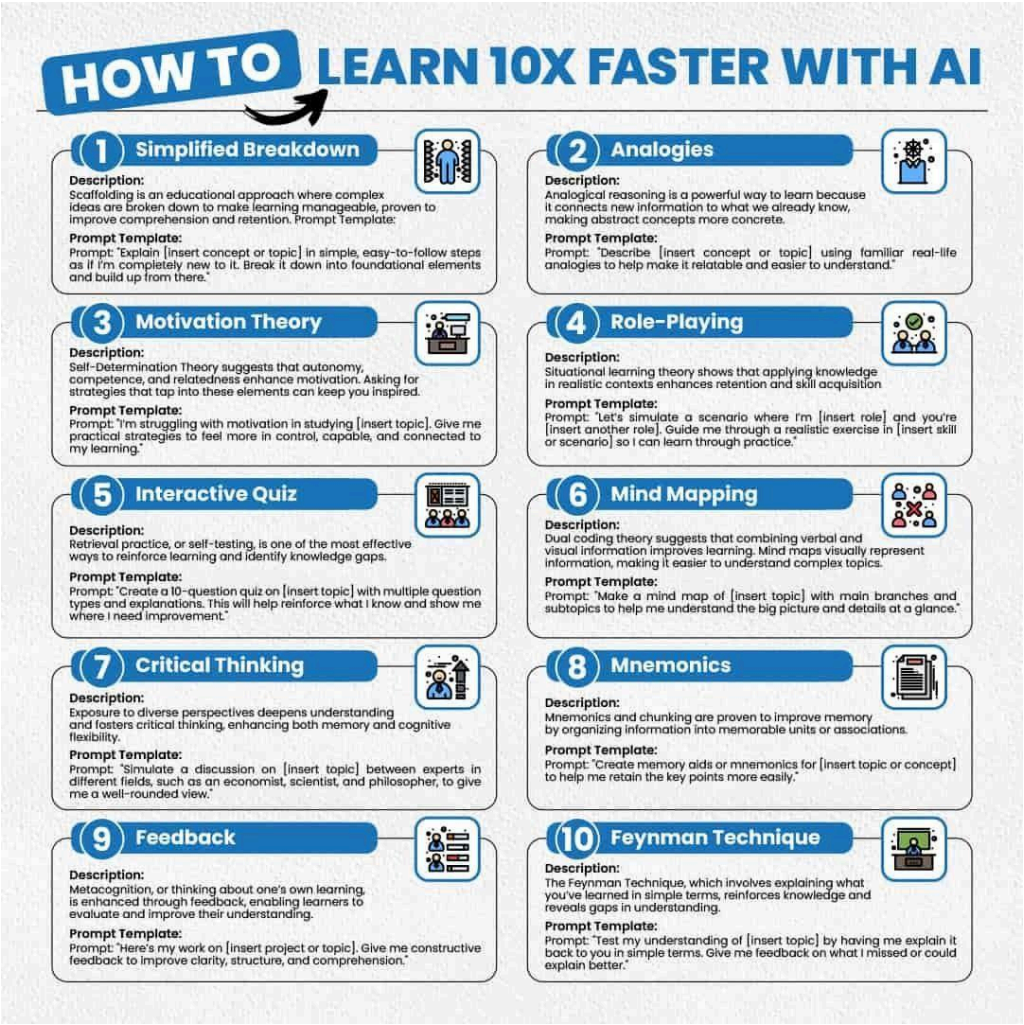
Action

After you've reviewed our helpful OCSB guide to prompt crafting, it's now time to use Gemini, Brisk or SchoolAI, our OCSB supported A.I. tools to help you with your work as an educator. First let's do some practicing using the Prompting Framework.

Practice Prompting (try these in Gemini):	Now that you've practiced, choose **one** of these tasks to complete:
● Plan a trip for a week to a destination of your choice including an itinerary ● Plan a lesson or a test for one of your classes. Ask it to use Ontario curriculum expectations. ● Ask it to be your thought partner on an issue that you're tackling as a teacher. Some ideas could be plagiarism, bullying, classroom management, engagement, or setting up routines. ● Ask it to modify an assignment for Multilingual Learners (MLL).	● Plan a class field trip to a place in or around Ottawa. Remember to include transportation, OT release costs, admission prices, and activities that your students would do when they are on site. ● Plan a short unit for one of your classes. Ask AI to give you lesson plans, rubrics, etc. ● Plan a rich summative task for a unit that you already teach with your students. Ask for a rubric to score the assignment, tailoring it to your needs.

Consolidation

Reflect individually on the impact on your teaching that these tools will provide. What challenges do they create, if any? How can they help you or your students learn or work more effectively? Check out these suggestions from Zain Khan of The AI Academy:



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