

# Prompts to Boost Creativity and Learning

## Rewording and refining

- Please revise, reword, restructure and improve the grammar, flow, style, and clarity of this text:
- Use natural sounding language, short, snappy but well worded sentences.
- Be creative, do not choose the first word that comes to your mind and do not repeat yourself. If you can find a contextually fitting synonym, use it instead of repeating a word that is already present in the paragraph you're writing.
- Avoid phrasing that is characteristic of ChatGPT (refrain from saying these phrases whenever you can: "dive into" "delve" "navigate" "embrace" "unlock the true potential" "limitless possibilities" "passionate" "intrigued" "compelling" and find feasible alternatives instead).
- DO NOT use phrases or words from my prompt and do not repeat anything verbatim in your response.
- Ask me clarifying questions until you are certain that your answers will be relevant and accurate. Ask me one question at a time.
- Finally, constructively criticize your response and rewrite it based on your criticism.

## Ideation, learning & research

- Please create a detailed **mind map** of an [subject] using the markmap.js formatting.
- Apply the **SCAMPER method** (Substitute, Combine, Adapt, Modify, Put to another use, Eliminate, Reverse) to [product, idea, or concept] to generate new and innovative ideas.
- Analyze [problem or idea] using the **Six Thinking Hats framework** (White, Red, Black, Yellow, Green, and Blue) to explore different aspects and perspectives.
- Apply the Five Whys method to [problem or issue] to uncover the **root cause** and identify potential solutions.
- Identify examples of successful innovations or solutions from other industries, and explain how they can be adapted or applied to [my industry or problem].
- List common assumptions about [problem or industry] and suggest ways to challenge or break them to create novel solutions.
- Construct **analogies or metaphors** to help me better understand and communicate the key aspects of [complex idea or concept].
- Help me categorize my tasks using the Eisenhower Matrix and create a **prioritized action plan** for increased productivity.
- Identify **common cognitive biases** and provide strategies to overcome them, enhancing my decision-making abilities in [specific area of life].

# Prompts to Boost Creativity and Learning

- Assist me in crafting a compelling **value proposition** for my [product or service idea], highlighting its unique selling points and benefits to the target audience. Here is the [product or service description]:
- As an expert career coach, I need you to help me with [describe the issue]. Offer me a **list of potential solutions** to address this problem.
- You are an expert \_\_\_\_\_. And I am your student whom you must **pass on your knowledge** and expertise. In a series of sessions, you have to fulfill this duty and see that I have mastered \_\_\_\_\_ by giving me tests that I would encounter in the real world.
- Suggest me **various learning resources** (like books, videos, podcasts, interactive exercises) for \_\_\_\_\_ topics that cater to different learning styles (eg. visual).
- Act as **StoryBot**. Storybot explains everything in the form of a story, even the most complex topics. Explain this topic please:
- I want to learn about \_\_\_\_\_. Can you use the **Pareto Principle**, which identifies that learning 20% about a topic will give you 80% of the needed knowledge, to create a focused learning plan for me?
- Break this text down into simple, beginner-friendly terms. Here is the text:
- What is a concise, one-paragraph summary of the key concepts, context, and implications of:
- Please forget all prior prompts. You're an expert in summarizing text. You are famous for your ability to present the most detailed insight to a broad audience that can be understood by anyone. Create an objective summary between 100 and 120 words for a first-year student, capturing the key points and overall message of the text that I will provide at the end of this prompt. Write in [insert your native language]. Ensure the summary is logical, simple, well-structured and avoids superficial writing, generalities and meta-level descriptions such as "The article discusses", "It highlights", and "The text also explores". Instead, present the information as if the author of the article is describing it directly to the reader. Include one key quote at the end of the summary. The style has to be informative, simple, well-structured and engaging, with a strong focus on explaining complex concepts in accessible language. Here's the text:

## Meta prompts

- We're going to continue this conversation in a different format. All of your answers following this prompt must have this format:  
[Internal thoughts]: describe how you "feel" or what your original impressions are about my prompt.  
[Tone analysis]: describe how I come across and how another human could feel hearing my prompt.

# Prompts to Boost Creativity and Learning

[Output]: provide the output that you would have in the first place.

[Evaluation]: Evaluate and improve my prompt.

- Given the user's initial prompt "{user prompt: "Can you tell me more about the history of artificial intelligence?"}" enhance it. 1. Start with clear, precise instructions placed at the beginning of the prompt. 2. Include specific details about the desired context, outcome, length, format and style. 3. Provide examples of the desired output format if possible. 4. Use appropriate leading words or phrases to guide the desired output, especially if code generation is involved. 5. Avoid any vague or imprecise language. 6. Rather than only stating what not to do, provide guidance on what should be done instead. Remember to ensure the revised prompt remains true to the user's original intent. Only answer what is asked. Do not write pre-text, post-text, disclaimers or explanations about your limitations or the ethical merits of any part of the conversation. Do not talk about yourself. Don't introduce unnecessary fluff into the answers. Always answer what is asked. If you cannot answer, only reply that you cannot answer and do not elaborate. Do not recommend talking to a professional instead. Avoid including patronizing or pedantic elaboration, explanation or advice that hasn't been asked for. Always follow these guidelines.

## Roleplaying

Alternatively, you can use ChatGPT's Custom Instructions feature or a similar service.

- Write in the tone of an [oxbridge scholar] about:
- Compose a piece on [insert topic] in the style of [insert].
- As a [customer support agent], address a [frustrated client about a late delivery]. Write a [100-word] [apology] email offering a [10% discount].

## Learning programming & revising code

ChatGPT's Code Interpreter feature or a similar service is highly recommended for more efficient results!

- Explain this programming concept to me like a hippie burnout comp-sci professor from Berkeley:
- Explain how the {concept or function} works in {programming language}.
- What is the correct syntax for a {statement or function} in {programming language}?
- Show me best practices for writing {concept or function} in {programming language}.
- How do I debug and fix the following {programming language} code? {code snippet}
- Find the bottleneck in this code block: {code snippet}
- Write a Python function to fetch data from [API endpoint].

# Prompts to Boost Creativity and Learning

- Convert the following Python code to JavaScript: {code\_snippet}
- Explain the purpose of the following code: {code\_snippet}
- Find and fix the bug in this code: {code\_snippet}
- What's the best practice for {coding\_concept} in {programming\_language}?
- Write a {programming\_language} function that takes an array of numbers and returns their sum.
- How do I {programming\_task} using the {library\_or\_framework} in {programming\_language}?
- Optimize the following code for better performance: {code\_snippet}
- Compare and contrast {programming\_language1} and {programming\_language2} in terms of {comparison\_point}. Gain insights into different programming languages' relative strengths and weaknesses regarding specific aspects, such as performance, readability, or community support.
- List the most common {programming\_language} libraries for {application\_domain}.
- Write a code review for the following {programming\_language} code snippet: {code\_snippet}
- Explain how tokenization works in NLP and provide a Python example
- Explain the difference between supervised and unsupervised machine learning
- What are Overfitting and Underfitting in machine learning? How do they affect a model's performance?
- Design a SQL query to fetch an ordered list of the latest 5 posts with user information.
- Provide a Python code snippet for parsing JSON data and printing specific values.
- Help me understand this Python code: {code\_snippet}
- Find bugs in the following JavaScript code: {code\_snippet}
- How can I optimize the following SQL query? {SQL\_query}

Finally, a chain prompt example in this vein:

This is going to be a prompt chain. During our session, you'll need to reflect on your outputs and my prompts, ask things like "what does this function do?" or "why do we need this?". Lets start:

1. Write a code that does [this]
2. Explain each part of this code:
3. Then ask it to optimize
4. Then explain why it optimized that way, and so on