

# Prompt Documentation

*Use this document to document each of your 5 prompts. Fill in all sections below, then delete all gray instruction text as you complete each section.*

## Prompt Name

*Give your prompt a clear, descriptive name (e.g., 'Instagram Post Generator', 'Market Analysis Assistant')*

Concept Study Guide Generator

## Purpose

*One sentence: What problem does this solve and who would use it?*

Helpful for students or anyone trying to understand a difficult concept.

## Your Prompt

*Paste your reusable prompt with [PLACEHOLDERS] clearly marked in brackets. Make sure someone else could fill in the placeholders and use this.*

I am a student trying to understand [CONCEPT]. I want to have something to study with that explains it in simple terms so I can understand it better. I want a comprehensive study guide to help me with this goal. The study guide should include an easy explanation, a bulleted list of the 5 most important facets, and 10 practice questions to test my understanding. Please help create this study guide for me.

## Design Justification

*Answer these questions to explain your design choices. Keep answers brief (1-2 sentences each).*

### 1. Did you use a specific framework? If yes, which one and why is it appropriate for this use case?

*If you didn't use a formal framework, write 'No formal framework' and explain your structure below.*

I used the COAST framework because it works well with the multiple-step process I instructed.

### 2. Why did you structure your prompt this way? What specific elements did you include?

*Example: 'I included the target audience because...' or 'I specified tone and length because...'*

I included 3 different separate instructions, including an explanation, a list of facts, and practice questions. I did this because I wanted a specific output that generates different options for studying to get the most out of the prompt.

### 3. How does your prompt guide the AI effectively?

*What makes your prompt clear and reusable? What guidance does it provide?*

I give the AI background information as well as specific instructions to get an effective output.

### 4. What constraints or requirements did you add and why?

*Example: Format requirements, length limits, tone specifications, required elements.*

I added constraints to the bullet list and practice question amount to get a reasonable amount of study material so I can get a quick understanding and practice.

## Testing - Version 1

*Test your prompt with 3 DIFFERENT use cases (fill in the placeholders 3 different ways). Record your scores below. You need an average of 85+ to pass.*

Use Case	Score	Brief Notes
<b>V1 Test 1:</b> Photosynthesis and the calvin cycle	[89/100]	My prompt was clear and descriptive, but could use some more placeholders for usability.
<b>V1 Test 2:</b> Law of supply and demand	[84/100]	My prompt had good structure and reusability, though it could have specified things like the desired complexity level.
<b>V1 Test 3:</b> How cryptocurrency blockchains work	[82/100]	My prompt had a usable scope but it could have used more output constraints.

**Version 1 Average Score: 85**

## Refinement (if needed)

*If your V1 average is below 85, revise your prompt and test again. Document what you changed and why. If you scored 85+ on V1, write 'No refinement needed - scored 85+ on first attempt' and delete the V2 table below.*

**Changes Made V1→V2:** No refinement needed - scored 85+ on first attempt

## Final Reflection

*2-3 sentences: Why does your final prompt work well? What makes it effective and reusable?*

This prompt worked well because it gave clear instructions with a wide range of usability. With the placeholder, the prompt can be used to help someone understand a wide range of topics, and the chatbot will give approachable levels of detail.

## **Best Used For**

*List 3-5 specific situations where this prompt would be useful.*

- A student has a test tomorrow and needs to understand a core concept from their textbook.
- A student/worker needs to create a presentation on a complex topic to an audience with limited knowledge.
- Someone wants to learn a new hobby or skill, but needs somewhere to start.