Prompt Refinement Challenge Key

Layer-by-Layer Refinement Example:

Step	Added Layer	Improved Prompt
1	Role	"You are a science teacher."
2	Task	"You are a science teacher. Write an explanation of climate change."
3	Context	"You are a middle school science teacher preparing a short lesson on climate change."
4	Constraints	"You are a middle school science teacher preparing a short lesson on climate change. Keep it under 150 words."
5	Output	"You are a middle school science teacher preparing a short lesson on climate change. Keep it under 150 words and present it as 3 bullet points: cause, effect, and solution."

Final Refined Prompt:

"You are a middle school science teacher preparing a short lesson on climate change. Keep it under 150 words and present it as 3 bullet points: cause, effect, and solution."