

Redesigning Tasks for Thinking Visibility: Sample Before and Afters

Subject Area	Writing	Reading Comprehension	Science	Mathematics	Health/SEL
Before	Write a five-paragraph essay about climate change.	Summarize the chapter.	Explain the results of the experiment.	Solve the problem set.	Research stress management strategies.
After	Use AI to generate three possible claims about climate policy. Evaluate the strengths and weaknesses of each claim, select the strongest argument, and explain how your thinking evolved during the writing process.	Compare your understanding of the chapter to an AI-generated summary. What important nuances, themes, or perspectives did the AI miss?	Analyze an AI-generated explanation of the experiment. Identify any flawed reasoning, unsupported conclusions, or missing variables.	Use AI to compare two possible solution methods. Explain which method is most efficient and justify your reasoning.	Use AI to generate a list of stress management strategies. Evaluate which strategies are most realistic and effective for teenagers, and explain your reasoning using personal reflection and evidence.
Student Thinking Made Visible	Analysis Argumentation Evaluation Evidence-based reasoning	Analysis Critical evaluation Interpretation Evidence-based reasoning	Scientific reasoning Analysis Evaluation of evidence	Problem-solving Reasoning Mathematical justification	Creativity Reflection Communication