

EXEMPLAR PROMPT LIBRARY FOR PROJECTS

Integrating AI into Project-Based Learning can inspire students to use AI as an assistant as they complete their work. Below are exemplars for each phase of projects, adjusted by grade band.

After reviewing the exemplar for your grade band, write your own AI prompt that you can give to students to use at each phase of your project.

1. Inquiry and Research

Grade Band	Exemplar Prompt
 Elementary	"Can you give me three fun science questions I could explore about how plants grow?"
 Middle School	"List some research questions about how my community uses water and suggest which ones would be easiest to investigate safely."
 High School	"Help me brainstorm possible research questions about renewable energy that connect to local or global issues."

AI prompt for **your** students to use in the Inquiry and Research phase:



2. Ideation and Planning

Grade Band	Exemplar Prompt
 Elementary	"Help me make a list of supplies I might need for a recycling project at school."
 Middle School	"Give me three ways students could present data from a school-lunch waste project and what materials they'd need."
 High School	"Suggest a project timeline for studying air quality at our school, with checkpoints for collecting and analyzing data."

AI prompt for **your** students to use in the Ideation and Planning phase:



3. Design and Creation

Grade Band	Exemplar Prompt
 Elementary	"Can you show me different ways to make a poster about the water cycle look clear and colorful?"
 Middle School	"Give me ideas for how to organize my experiment results so people can easily understand them."
 High School	"Suggest layout options for a digital infographic explaining the impact of plastic pollution, but let me choose the words."

AI prompt for **your** students to use in the Design and Creation phase:



4. Drafting and Writing

Grade Band	Exemplar Prompt
 Elementary	"Can you check my paragraph about the moon and tell me if it's clear or missing details?"
 Middle School	"What are some questions I could start with to make my introduction paragraph more interesting?"
 High School	"Give feedback on whether my argument about renewable energy is balanced and well-supported."

AI prompt for **your** students to use in the Drafting and Writing phase:



5. Revision and Reflection

Grade Band	Exemplar Prompt
 Elementary	"Ask me three questions that will help me check if my project is finished and easy to understand."
 Middle School	"List ways I could make my project more accurate or fair based on what my classmates said."
 High School	"Help me spot any biases or missing perspectives in my project about social media and teens."

AI prompt for **your** students to use in the Revision and Reflection phase:



6. Presentation and Sharing

Grade Band	Exemplar Prompt
 Elementary	"Help me make a short list of what to say first, next, and last when I show my project."
 Middle School	"Give me tips to make my slideshow about ecosystems more interesting without adding new facts."
 High School	"Suggest three questions the audience might ask about my research project so I can practice answering them."

AI prompt for **your** students to use in the Presentation and Sharing phase:

