

## AI Essentials: Prompt Engineering Frameworks

Many of the most popular generative AI tools rely on prompts to work. That's why prompt engineering—the ability to write and modify prompts to obtain valuable output—is so important. So—how can we ensure that we're giving our AI chatbot enough information to create a product we can actually use? That's where prompt engineering frameworks come in. Here are two you can use to ensure you get quality output from your AI tool of choice.

### The 5S Model

#### Set the scene.

Include relevant information about you and the environment you're working in.

#### Specific.

Clearly define what you want the AI to provide and what it should include.

#### Simplify language.

Treat it like a conversation and avoid jargon.

#### Structure the output.

State the form you want the output to take and include a rubric.

#### Share feedback.

Remember, prompting is a conversation! Keep providing feedback and making adjustments until you get what you need.

### C.R.E.A.T.E.

#### Context

Include contextual information such as your grade level, subject, or topic.

#### Result

Describe the result. Do you want an email, a list, a chart, or something else?

#### Explain

Make your request as explicit as possible. You may include content standards, vocabulary, references to articles, or specify whether you use UDL.

#### Audience

Define your audience. Include students' grade levels or add information about their interests (particularly helpful for differentiation!).

#### Tone

Do you want the output to be funny, professional, descriptive?

#### Edit

Refine the output by adding clarifying information or asking for modifications.

### Looking for examples?

Check out this post on the TeachersFirst blog for more prompt engineering tips and to see examples of these frameworks in action!

Keep reading for more free resources on TeachersFirst.org!



## Free AI Resources for Teachers & Coaches

Whether you're new to using AI or are looking to refine your skills, TeachersFirst is here to help! We've created and curated a variety of free resources to help you learn how to use AI to streamline your lesson planning, differentiate instruction, and engage your students. Scan the QR codes to access them!



### AI Jumpstart | On-Demand Workshops

AI beginners, start here! This series of on-demand OK2Ask workshops will introduce you to some of our favorite AI tools and give you practical strategies for implementing them in your classroom.



### AI for Lesson Planning | Special Topics Collection

Explore this curated collection of free AI tools that will help you create dynamic, data-informed lessons that cater to diverse learning needs.



### AI for Assessment | Special Topics Collection

Explore this collection of free education-specific AI tools that will help you quickly create engaging, practical formative and summative assessments for your students.



### Blog Posts About AI | TeachersFirst Blog

Engage in bite-sized PD about artificial intelligence on our blog written by experienced educators and coaches! Explore specific tools, learn about effective prompt engineering, and discover practical integration.



### Introducing Students to AI | Help! Article

This Help! I Lost My Library/Media Specialist! article includes background information, activities, extensions, and correlation to standards to help educators introduce their students to artificial intelligence, prompt engineering, and responsible use.

