# PROMPT ENGINEERING FOR TEACHERS

## How to Talk to AI

✨ Master the Art of Getting Amazing Results from AI Every Time

📺 Watch Episode 2: https://youtu.be/GxlOoKI0zxg

## Main Objectives of Episode 2:

- **Master the PTAR Formula:** *for great prompts and results every time*
- **Learn Prompt Engineering Skills:** *to enhance your AI interactions*
- **Customize Lesson Plans:** *that work for you and your students*

## The PTAR Formula

*Your foundation for effective AI communication*

| PTAR | Description | Example |
|------|-------------|---------|
| **Persona** | Give the AI an identity to adopt the right tone & perspective | *(generic): "You are an enthusiastic storyteller"*<br><br>*(specific): "You are Brené Brown"* |
| **Task** | Tell the AI exactly what you want it to do  *(specific = better)* | *"Create a 2-minute lesson opener about cellular respiration"* |
| **Audience** | Specify who this is for to match language & complexity | *"2nd grade students"*<br>*"Parent volunteers"* |
| **Rules** | Set boundaries & constraints for the output | *"Use everyday analogies, conversational tone, end with a question"* |

💡 **Remember:** Your prompt doesn't have to be perfect. In most cases, just P+T (Persona + Task) will get you started. The key is giving AI the details you have in mind

## Prompt Engineering Techniques

*Tried & true patterns for high-quality results*

### 1 Iteration

Have a conversation!

Start with an initial prompt → Get a foundation → Provide feedback → Refine results
Repeat until perfect

Don't settle for the first output – refine it!

### 2 Multiple Options

Ask for several versions to choose from

AI never gets tired, so request 3, 5, 10, or even more options, then cherry-pick what works best for your teaching style

Ex: "Give me 5 different ways to introduce frations"

### 3 Chain of Thought

Ask AI to "show its work" and explain its reasoning

This helps AI self-generate better context and produces higher quality outputs

Ex: "Thinking step-by-step: First identify challenges, then brainstorm solutions..."

### 4 Flipped Interaction

Let AI interview YOU!

Helpful when you're not sure exactly what you need. Prompt AI to ask clarifying questions. Often uncovers needs you didn't realize.

Ex: "Ask me questions to understand my classroom challenge, then suggest strategies"

## ⚡ Level Up: *Combine Techniques!*

📚 **Prompt Library:** *Discover new useful prompt patterns to get the most out of your interactions with AI*

**The Bottom Line:** Prompt engineering does the heavy lifting so YOU stay the creative driver. You provide the vision and expertise while AI fills in the blanks