Superhero's Guide to Prompt Engineering

- **A - Adopt a Persona: Who should Gemini be?**
  - *Example*: "You are an expert marketing consultant..."
  - *Example*: "You are a senior-level Python developer..."
  - Example: "Act as a veteran Special Education teacher and an expert in Dysgraphia"

- **C - Context and Constraints: What background information does it need? (anonymized!)**
  - *Example*: "...for a new customer who just downloaded our free e-book on home gardening."
  - *Example*: "The audience is a 10-year-old child."
  - Example: "I have a 9th grader who reads at a 2nd-grade level. Avoid suggesting expensive tech."

- **E - Execute the Task: What do you want it to do?**
  - *Example*: "...write a 3-part email nurture sequence..."
  - *Example*: "...explain the concept of recursion in simple terms."
  - Example: "...draft 3 measurable IEP goals for reading fluency and a list of 5 classroom accommodations."

- **R - Refine the format: How should it deliver the answer?**
  - *Example*: "Format the output as a JSON object."
  - *Example*: "Present this as a bulleted list with a brief summary at the end."
  - *Example*: "Write in a friendly, encouraging tone."
  - Example: "Put this in a table," or "Use bullet points and professional, strengths-based language."

💎 Create a Gem: Prompt Templates for Special Education 💎

1. "Accommodations Spinner"

Use this when you have a student who isn't responding to standard interventions.
- "Act as an **(Specialist, Speech Language Pathologist, Occupational Therapist)**. I have a student who struggles with **[Fine Motor, Sensory Input. Writing Fluency]** during writing tasks. Suggest 5 'low-tech' accommodations and 3 'high-tech' accommodations. For each, explain *why* it helps a student with these specific needs."

2. The "PLAAFP Builder" (Strengths-Based)

Use this to turn dry data into a narrative that honors the student.
- "I have the following data for a student: [**Insert anonymized data, e.g., 'reads 40 wpm', 'loves Minecraft', 'follows 2-step directions**']. Write a strengths-based PLAAFP statement that highlights what they *can* do while clearly identifying the gap in [**Skill Area**]."

3. The "Gen-Ed Translator"

Use this to help General Education teachers understand how to support your students.
- "I am sharing a student's IEP goals with a 10th-grade Science teacher. Summarize these 3 goals [**Paste Goals**] into a 'Cheat Sheet' for that teacher. Include a section on 'What this looks like in a Lab setting' and 'Quick wins for supporting this student'."

4. The "Goal-Generator"

Use this to help write standards based and post secondary goals.
- "Using this sentence stem, {**(school or district specific)**} I am writing a (**needs**) goal for a (**grade**) student who is interested in becoming a (**post-secondary career goal**). In their last (**evaluation/progress monitoring**) they achieved (**data on goal: did they reach their goal, improve, decline, plateau**) and need to create a goal that will help them achieve (**what will they achieve by next year**)."

💡 Pro-Tips 💡

- Upload files you already have for Gemini to draw from (District or school specific).
    - Upload educational and grade-appropriate CDE standards https://www.cde.state.co.us/standardsandinstruction/standards
- The "Double-Check" Prompt: Always end your session with: *"What information am I missing that would help you give me a better result?"* Gemini will tell you exactly what data points it needs.
- The "Vibe" Shift: If the response is too "robot-y," tell Gemini: *"Rewrite this to be more empathetic and parent-friendly for an upcoming IEP meeting."*
- Privacy is King: Never use a student's name, birthdate, or ID number. Use "The Student," "Sam," or "Learner A."