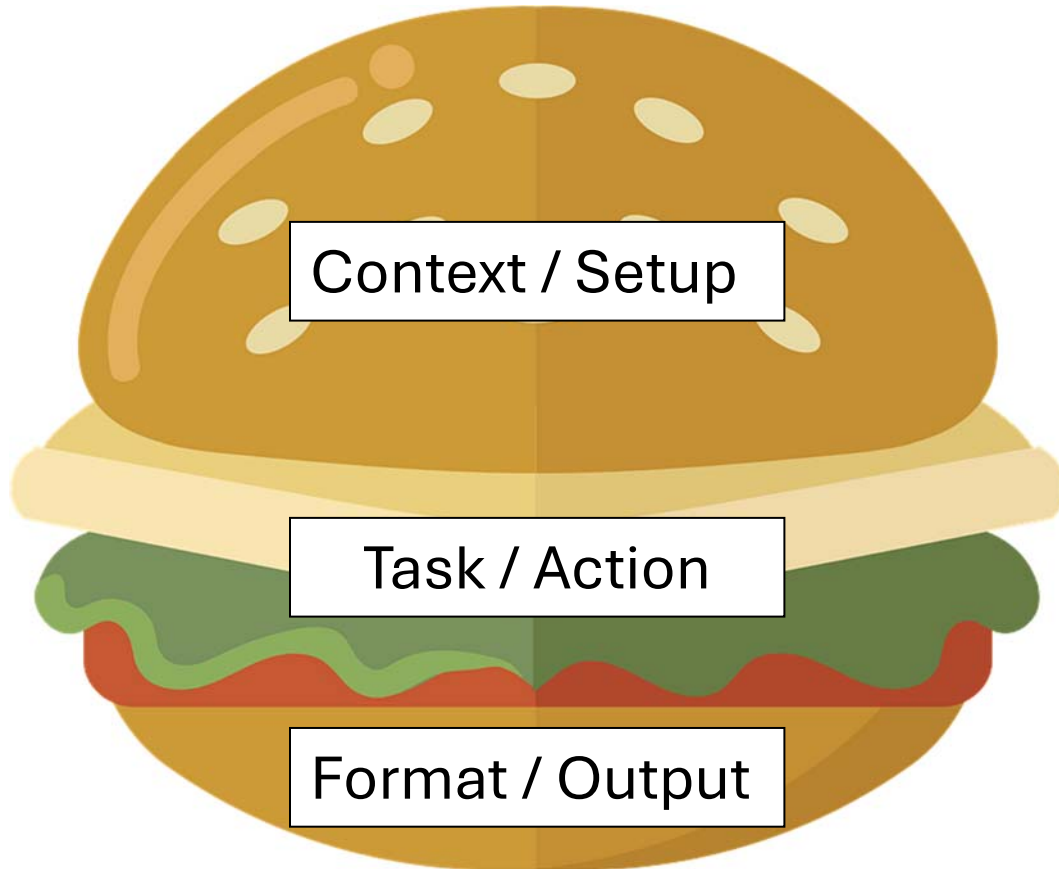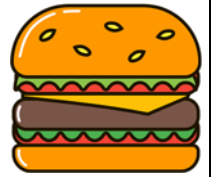# AI Prompt Sandwich Template

This worksheet helps teachers and students learn **how to build powerful AI prompts** that get clear, useful, and consistent results. A great AI prompt works like a **sandwich** - it has **three layers** that keep everything together. When you miss one layer, your results fall apart!

Context / Setup

Task / Action

Format / Output

| Layer | Purpose | Example |
|---|---|---|
| **Top Bun: Context / Setup** | Introduces the situation or role. It helps the AI "understand who it is" and what perspective to take. | "You are a 5th-grade teacher preparing a short science lesson about ecosystems." |
| **Filling: The Task / Action** | Describes exactly what you want the AI to do. Be clear, specific, and measurable. | "Create 5 comprehension questions that check student understanding." |
| **Bottom Bun: Format / Output Constraints** | Explains how you want the answer presented. This might include format, tone, length, or audience. | "Present the questions in a numbered list with an answer key below." |

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# The Mechanics of a Prompt - Identify the Layers

Read this example prompt and label each part with the correct "sandwich layer."

**Prompt Example:** "You are an English teacher helping students learn figurative language. Create 5 multiple-choice questions about similes and metaphors. Provide the correct answers and brief explanations."

| Prompt Section | Your Answer (Top Bun / Filling / Bottom Bun) |
|---|---|
| "You are an English teacher helping students learn figurative language." | |
| "Create 5 multiple-choice questions about similes and metaphors." | |
| "Provide the correct answers and brief explanations." | |

**Build Your Own Prompt -** Use the template below to create your own prompt for any classroom task.

**Template:**

Top Bun (Role/Context): You are a _____ who _____.

Filling (Task): Your goal is to _____.

Bottom Bun (Output/Format): Format or present the answer as _____

**Prompt Polishing Checklist -** Before you send your prompt to an AI, review it using this checklist:

| Prompt Feature | Why It Matters |
|---|---|
| ☐ **Clear role or perspective** | Gives the AI context and voice. |
| ☐ **Focused task** | Prevents vague or irrelevant answers. |
| ☐ **Specific format or structure** | Ensures the output is easy to use. |
| ☐ **Defined audience or purpose** | Matches tone and level to the reader. |
| ☐ **Constraints or examples** | Guides the AI to stay on topic and within limits. |

**Practice Challenge -** Rewrite this weak prompt into a stronger one using the Prompt Sandwich structure.

**Weak Prompt:** "Tell me about volcanoes."

Now, make it better:

**Your Improved Version:**

Top Bun: _____


Filling: _____


Bottom Bun: _____

 *Example Improved Prompt:*"You are a 7th-grade geography teacher creating an engaging mini-lesson. Write a 150-word summary about how volcanoes form, using age-appropriate language and short paragraphs."


**Rewrite Complete Prompt**