



Unplugged: LLM Storytime

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Overview:

You're training an AI system called an **LLM** that uses your stories to answer questions, and make a podcast with AI voices! But an LLM like NotebookLM doesn't actually think, or understand *anything* - it just guesses what seems like it should come next in a sentence!

The higher the "temperature" set for the LLM, the wilder its guesses get. Use dice rolls to control the **temperature** of a story and see what your LLM comes up with!

You'll Need:

- A standard 6-sided dice
- This worksheet
- Pencils (and your best robot voice)

1. Set the Temperature

Choose which table to use by rolling the dice:

- 1-2 = Low (predictable and safe)
- 3-4 = Medium (balanced and interesting)
- 5-6 = High (random and wild)

This determines which table you should use below when creating your stories.

2. Generate a Story

In a **[adjective]** **[place]**, a **[person]** found a **[adjective]** **[thing]**.

Curious, they tried to **[verb]** it, but that only made things **[adjective]**.

Moments later, something **[adjective]** happened when a **[adjective]** **[person]** appeared and had to **[verb]** it immediately!

Roll the dice for each blank and look up your words on the table below! Your total determines the row (1-6) from the word table. Higher rolls = stranger words.

Word Table

Roll a word						
Temperature	Row	Person	Thing	Place	Verb	Adjective
Low	1	teacher	spoon	classroom	walk	small
	2	baker	backpack	bakery	look	dusty
	3	pilot	map	bus stop	pick up	quiet
	4	explorer	flashlight	forest clearing	open	creaky
	5	zookeeper	puzzle cube	museum basement	carry	mossy
	6	astronaut	toolkit	train carriage	unlock	glowing
Temperature	Row	Person	Thing	Place	Verb	Adjective
Medium	1	detective	telescope	lighthouse	twist	slippery
	2	ninja	laser pen	scrapyard	connect	tangled
	3	hacker	hologram disc	floating island	rewire	shiny
	4	president	voice decoder	deep sea trench	translate	magnetic
	5	spy	memory crystal	mirror maze	activate	haunted
	6	gladiator	invisibility cloak	haunted funfair	reverse	unstable
Temperature	Row	Person	Thing	Place	Verb	Adjective
High	1	monster	cursed doll	underground lab	upload	cursed
	2	superhero	alien egg	lava tunnel	teleport	wobbly
	3	mad scientist	robot heart	sky temple	transform	stinky
	4	dragon	giant's eyeball	asteroid mine	summon	invisible
	5	time pirate	black hole key	dream corridor	duplicate	screaming
	6	shapeshifter	cloud pants	inside an egg	merge	impossible

3. Discussion

Ask: What's the weirdest verb (doing word) you can think of? 🤔

It's pretty hard to do! Take some examples and ask 'what makes it *weird*'?

Ask: Who would like to share a 'low-temperature story'?

Take examples of a low-temperature story. Note how 'normal' the inserted words are. The story probably won't be too crazy.

Ask: Who would like to share a 'medium-temperature story'?

Take examples of a low-temperature story. Note how the inserted words are a bit more interesting. The story probably sounded like it might be interesting if we used it as a prompt for something bigger.

Ask: Who would like to share a 'high-temperature story'?

Take examples of a high-temperature story. Note how 'weird' the inserted words are. The story probably won't make a lot of sense or will be really crazy.

Ask: How does temperature affect the story our pretend LLM generated?

When you talk about the 'temperature' of an LLM like ChatGPT, what you're really talking about is how random and strange the words it will use are. Lower temperature means it will use more likely and 'normal' words in your output, while high temperature means weirder, less likely words.