Sheet 1: Research Use Card and Panarchy Chart

Stochastic Parrots and Beyond · front: instructions and Research Use Card · back: Panarchy Chart

Instructions

Keep this sheet all day. The instructors do not collect it. Do not write confidential or personal data, or the names of people who are not in the room.

1. **Morning, alone.** Fill in the Research Use Card. Your **Research Use** is one actual or planned use of generative AI in your research. The term stays the same all day.
2. **After the four Lens inputs.** Write the Lens that fits your Research Use best on the card.
3. **Lens group.** Introduce your card. Apply the four questions of your Lens to each Research Use.
4. **Panarchy Block 1, alone.** Turn the sheet over. Write your **challenge** in one sentence: what must change to make your Research Use more responsible? List the **influences**.
5. **Block 1, pairs.** Sort your influences into **levels**. Compare your levels.
6. **Block 1, groups of four.** Present your challenge. Select one challenge. Use Sheet 2, front, part A.
7. **Block 2, pairs.** Examine the open challenges. Use Sheet 2, front, part B.
8. **End of the day.** Complete your Action Plan on Sheet 2, back. A peer reviews it.

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Research Use Card

Field	Notes
My Research Use: the task	
System or tool	
Why I might use it	
What I do not know: training data, costs, terms of use	
Who else is affected	
The Lens that fits best: 1 · 2 · 3 · 4	

Panarchy Chart

Panarchy Chart

Challenge (one sentence) *Start from your Research Use Card.*

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Influences

People, rules, tools, money, habits.
One per line.

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ideas and experiments spread up

Level 5 · large and slow _____ *name the level*

Level 4 _____ *name the level*

Level 3 _____ *name the level*

Level 2 _____ *name the level*

Level 1 · small and fast _____ *name the level*

resources and rules flow down

Adapted from Liberating Structures (Lipmanowicz, McCandless, White; liberatingstructures.com, Fieldbook 2026). CC BY-SA 4.0. Original drawing.