# AN CORKES HE AT

Purpose: Think at different levels of detail.

- 1. Start with a specific problem.
- 2. Move up levels of abstraction (Why does this matter?).
- 3. Move down (What specific actions can be taken?).

The problem/decision/choice/action:	0 h a t m a a t
	Abstract
Why does this matter? The big picture.	
Are there any broad principles?	
What specific actions can be taken?	
Is there any specific data?	
How can you put this into action?	
	Concrete

### Create a Visual Ladder:

→ Draw a ladder or staircase with each step representing a level of abstraction. Label the bottom with concrete details and the top with abstract concepts. This visualization can help pinpoint where clarity is needed.

#### Oscillate Between Levels:

- → Deliberately shift between high-level strategic thinking and low-level tactical details.
  - ◆ For example, start by stating the big picture, then drill down to the immediate next step, and alternate to maintain a balanced perspective.

### Identify Underlying Assumptions:

- → Use laddering to expose assumptions hidden in everyday language.
- → Ask "why" repeatedly until you reach the most abstract rationale behind an idea or problem.

### Apply to Communication:

- → Use abstraction laddering to tailor messages for different audiences.
- → For technical teams, descend to detailed steps; for executives, ascend to the core vision or outcome.

### Define the Problem at Multiple Levels:

- → Begin by writing a broad problem statement, then create sub-statements that break it down into specific components.
- → This practice ensures that no essential detail is overlooked while keeping sight of the overall objective.

### Regularly Reassess:



- → In dynamic projects, revisit your ladder to see if your assumptions still hold or if new details have emerged.
  - ◆ Adjust your steps up or down accordingly.

### Combine with Other Models:

- → Integrate abstraction laddering with other tools.
  - ◆ For instance, after mapping out a decision tree, use laddering to see if the underlying logic behind the branches remains consistent when viewed from a higher level.

### Practice Makes Perfect:

→ Regularly practicing abstraction laddering, such as during brainstorming sessions or after-action reviews, can sharpen the ability to switch perspectives quickly. Over time, this skill becomes second nature.



### Moving Between Details and Big Ideas:

- → What are the concrete details or specific examples that illustrate the problem or opportunity you're facing?
- → Looking at the issue broadly, what are the underlying principles, values, or long-term goals that connect to this challenge?

### Questioning Underlying Assumptions:

- → What assumptions are you making at the detailed level that might differ when viewed from a higher perspective?
- → How might your perspective change if you shifted from the minutiae (e.g., daily expenses, minute-by-minute scheduling) to the overarching strategy (e.g., financial independence, life balance)?

### Connecting Levels of Understanding:

- → How does this specific challenge reflect broader trends or patterns in your life or work?
- → What insights do you gain by contrasting the detailed (micro) and the conceptual (macro) views of this issue?



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Purpose:	Understand	others'	perspectives.
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- 1. Who are you empathizing with?
- 2. Fill in the four quadrants.
- 3. How does this change your approach?

Think And Feel	Hear And See
Say And Do	Pains And Gains



### Go Beyond Surface-Level Understanding:

- → Don't just ask, "What do they say?" Ask, "What are they afraid to say?"
- → Don't just ask, "What do they feel?" Ask, "Why do they feel?"
- → Don't just ask, "What are their pains?" Ask, "Where do their pains come from?"

### Use "Day in the Life" Perspective:

→ Imagine you're them for 24 hours—what challenges do they face?

### Identify Emotional vs. Logical Drivers:

→ People rarely make decisions based on logic alone—what's their real motivator?

### Pro Tip:

- → Write down what they THINK, FEEL, SAY, and DO separately to map their perspective.
- → Then, write what they THINK, FEEL, SAY, and DO together in vivo to map how isolated variables differ from the whole.



### Understanding the Stakeholder:

- → Who is your target user or stakeholder, and what are their primary roles, needs, and challenges?
- → What specific language or phrases do they use when describing their experiences?

### Capturing Experiences:

- → What do they see (environment, influences), hear (advice, criticisms), and say about the problem?
- → What are their main feelings, both positive and negative, related to the challenge you're addressing?

### Pain Points and Gains:

- → What are the key frustrations (pain points) and unmet needs they experience?
- → What would a successful outcome look like from their perspective? How do they define "gains" or benefits?

#### Contextual Influence:

- → How do factors such as cultural background, financial circumstances, or work environment shape their perspective?
- → In what ways can you use these insights to design solutions that resonate on an emotional and practical level?



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**Purpose:** Solve problems by flipping them (e.g., "How can I fail at this?").

1. What's your goal?						
2. What are all the ways you could fail at achieving this?						
3. How can you prevent those failures?						

Desired outcomes?

What would cause failure?



### Ask: "How Can I Fail?" Instead of "How Can I Succeed?"

- → If your goal is getting fit, list ways to fail: "Eat junk, avoid exercise, ignore sleep."
- → Now, do the opposite to succeed.

### Use for Problem-Solving in Business & Life:

- → Sales Strategy: Instead of "How do I sell more?" ask, "How do I lose customers?" (e.g., bad service, slow response).
- → Productivity: Instead of "How do I focus?" ask, "How do I destroy focus?" (e.g., notifications, multitasking). Remove distractions.

### Use "Elimination Thinking" to Improve Performance:

- → Instead of adding solutions, remove problems.
- → Example: Instead of "What can I do to be healthier?" ask, "What am I doing that's unhealthy?"

#### Think in Worst-Case Scenarios & Stress-Test Your Plan:

- → If launching a project, ask: "What could go horribly wrong?"
- → Use that list to prevent failure.

### Combine with 80/20 Rule:

→ Instead of finding the top 20% that works, identify the bottom 20% that ruins progress—and eliminate it.

#### Pro Tip:

- → Use inversion to challenge assumptions. Instead of asking, "How do I succeed?" ask, "How do I quarantee failure?"
- → Sometimes, removing the bad is more powerful than adding the good.



### Flipping Assumptions:

- → What would a plan look like if you set out to guarantee failure rather than success? Which critical elements become glaringly obvious as you reverse-engineer the worst-case scenario?
- → How do your current assumptions about success blind you to potential risks, and how might inversion reveal hidden vulnerabilities?

### Designing for Failure:

- → Imagine you deliberately designed your strategy to fail—what would you do differently, and how could that inform a more robust, resilient approach?
- → What "anti-best practices" emerge when you ask, "How can I ensure this project fails?" and how can those insights be used to safeguard against those pitfalls?

### Uncovering Radical Insights:

- → How might thinking in reverse help you identify opportunities that a standard, forward-thinking approach would miss?
- → Reflect on a past decision—what if you had inverted your thinking? What alternative strategies might have emerged, and how could they have improved the outcome?



# SIX TEHENKING HATES Workeshiet

**Purpose:** Improve problem-solving by considering different perspectives.

- 1. State the problem/situation.
- 2. Go through each hat and write insights.
- 3. Summarize key takeaways and next steps.

What is	the	prob]	Lem/s	situation/action?
Approach	it	with	the	white hat. (facts and data)
Approach	it	with	the	red hat. (feelings and intuition)
Approach	it	with	the	yellow hat. (optimism and benefits)
Approach	it	with	the	black hat. (critique and weaknesses)
Approach	it	with	the	green hat. (creativity and novelty)
Summarize with the blue hat. (reflection and process)				



### Structure and Facilitation:

- → Begin and end with the Blue Hat to set the agenda and summarize insights.
- → Use a physical or digital template (like colored sticky notes or an online board) so each hat's role is clear.
- → In group settings, assign a moderator to help switch hats on time and ensure everyone adheres to the current perspective.

### Dedicated Time for Each Perspective:

- → Allocate specific time slots (e.g., 2-3 minutes per hat) so participants can dive deep without feeling rushed.
- → Encourage a pause after each hat to record ideas before moving on.

### Flexibility in Application:

- → Choose only the hats relevant to the discussion if time is short, but remember that the full cycle can uncover hidden opportunities.
- → Rotate the hats among team members to get varied viewpoints and prevent any one perspective from dominating.

#### Emotional and Data Balance:

- → Use the Red Hat briefly for gut reactions without overanalyzing, and then shift to fact-based White Hat thinking.
- → Balance creative (Green) and cautious (Black) perspectives to spark innovation without ignoring potential pitfalls.



### Diverse Perspectives:

- → For each hat (White, Red, Black, Yellow, Green, Blue), what specific questions can you ask to fully explore that particular lens in the context of a complex problem?
- → How do the insights gathered from each hat challenge or reinforce your current assumptions about the issue?

### Integration and Synthesis:

- → After cycling through all six hats, what are the key common themes that emerge, and how can they be synthesized into a coherent strategy?
- → How might conflicting perspectives (e.g., the Red Hat's emotions vs. the Black Hat's caution) be reconciled to form a balanced decision?

### Application in Real Scenarios:

- → In a business meeting, how can you structure the exercise so that every participant is fully engaged, ensuring that each hat's insights are captured?
- → Reflect on a recent conflict or challenge: how might using the Six Thinking Hats have provided a more rounded understanding and a creative solution?

