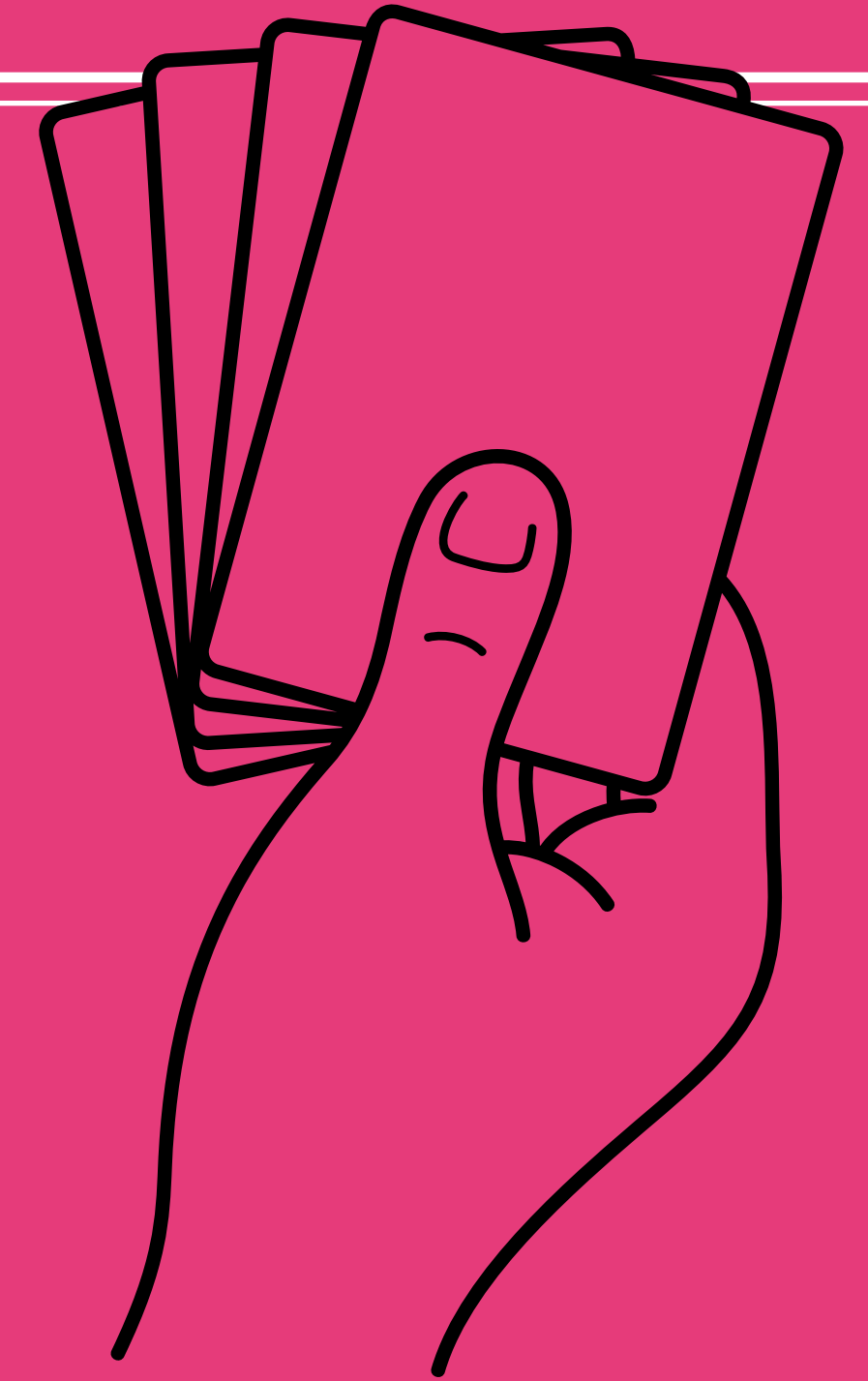

Things to Think With

TORCHI / DEC 2020



Stephen P. Anderson

 @stephenanderson

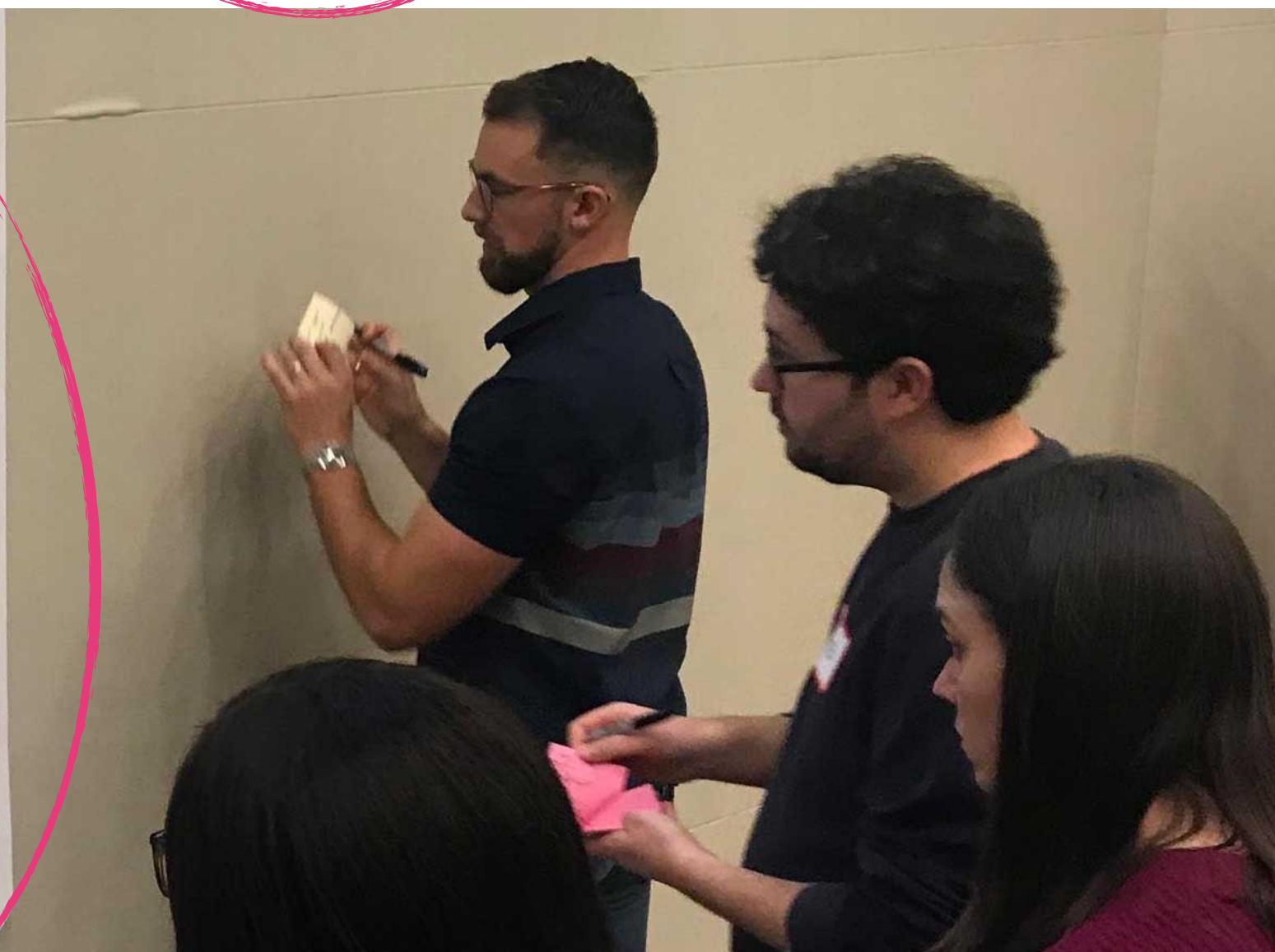
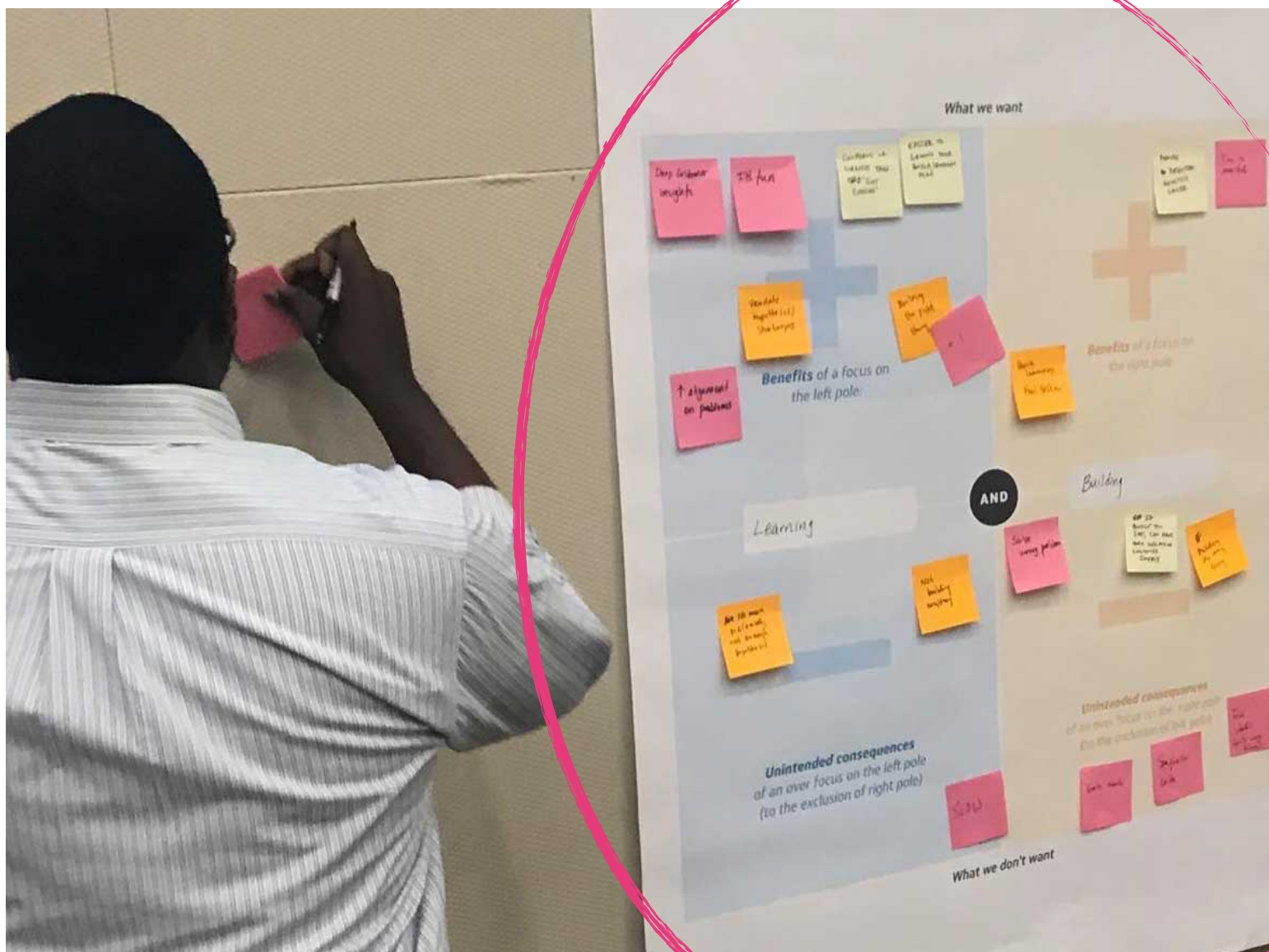
ON A MISSION...

To make learning the hard stuff fun,
by creating 'things to think with' and
'spaces' for generative play.



CARD DECKS
TILES
CANVASES
MAPS
MODELS
REFLECTION QUESTIONS
GAMES

‘things to think with’



ANALOGIES
EXPLORABLE EXPLANATIONS
GAMEBOOKS
SIMULATIONS
DATA VISUALIZATIONS
ETC.

CARD DECKS

TILES

CANVASES

MAPS

MODELS

REFLECTION QUESTIONS

GAMES

WHY ‘*things* to think with’ ?

ANALOGIES

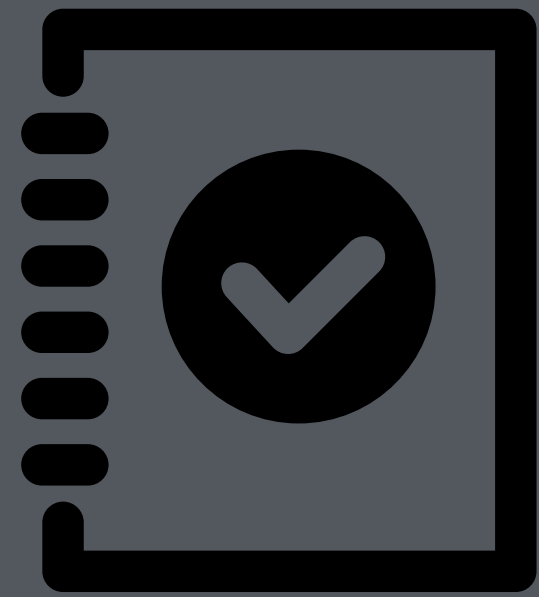
EXPLORABLE EXPLANATIONS

GAMEBOOKS

SIMULATIONS

DATA VISUALIZATIONS

ETC.



**When we bring ideas into the world
(in a thoughtful, structured way)
we extend our ability to think about
and discuss complex topics.**

ROOK TAKES
KINGS PAWN

WAS THAT PREVIOUS
MOVE QUEEN TO BISHOP
THIRD?

e4 e5

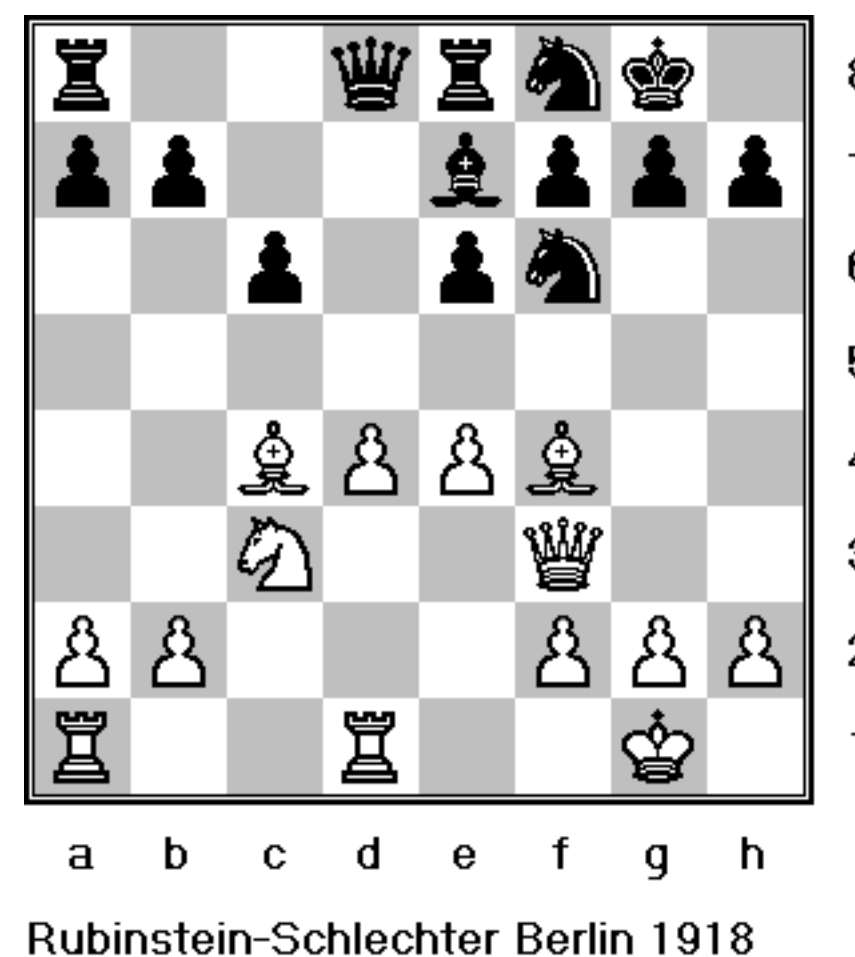
f4 exf4

Bc4 d5

Bxd5 Qh4+

Kf1 g5

Nc3 Ne7



REQUIRES SERIOUS
CONCENTRATION AND
RECALL OF ALL THAT
HAS BEEN SAID

OFFERS A RECORD OF
INFORMATION WE CAN
REFER BACK TO

HOLDS INFORMATION
IN A WAY THAT:

- SUPPORTS REFLECTION
- REVEALS PATTERNS

+ INTERACTIONS
ALLOW US TO EXTEND
OUR THINKING AND SEE
MORE POSSIBILITIES



SUPPORTS MORE
COMPLEX THINKING!

NOW, THINK ABOUT THE LAST SERIOUS DISAGREEMENT YOU GOT INTO...

...OR A BIG DECISION THAT YOU RECENTLY MADE

REQUIRES SERIOUS
CONCENTRATION AND
RECALL OF ALL THAT
HAS BEEN SAID

OFFERS A RECORD OF
INFORMATION WE CAN
REFER BACK TO

HOLDS INFORMATION
IN A WAY THAT:

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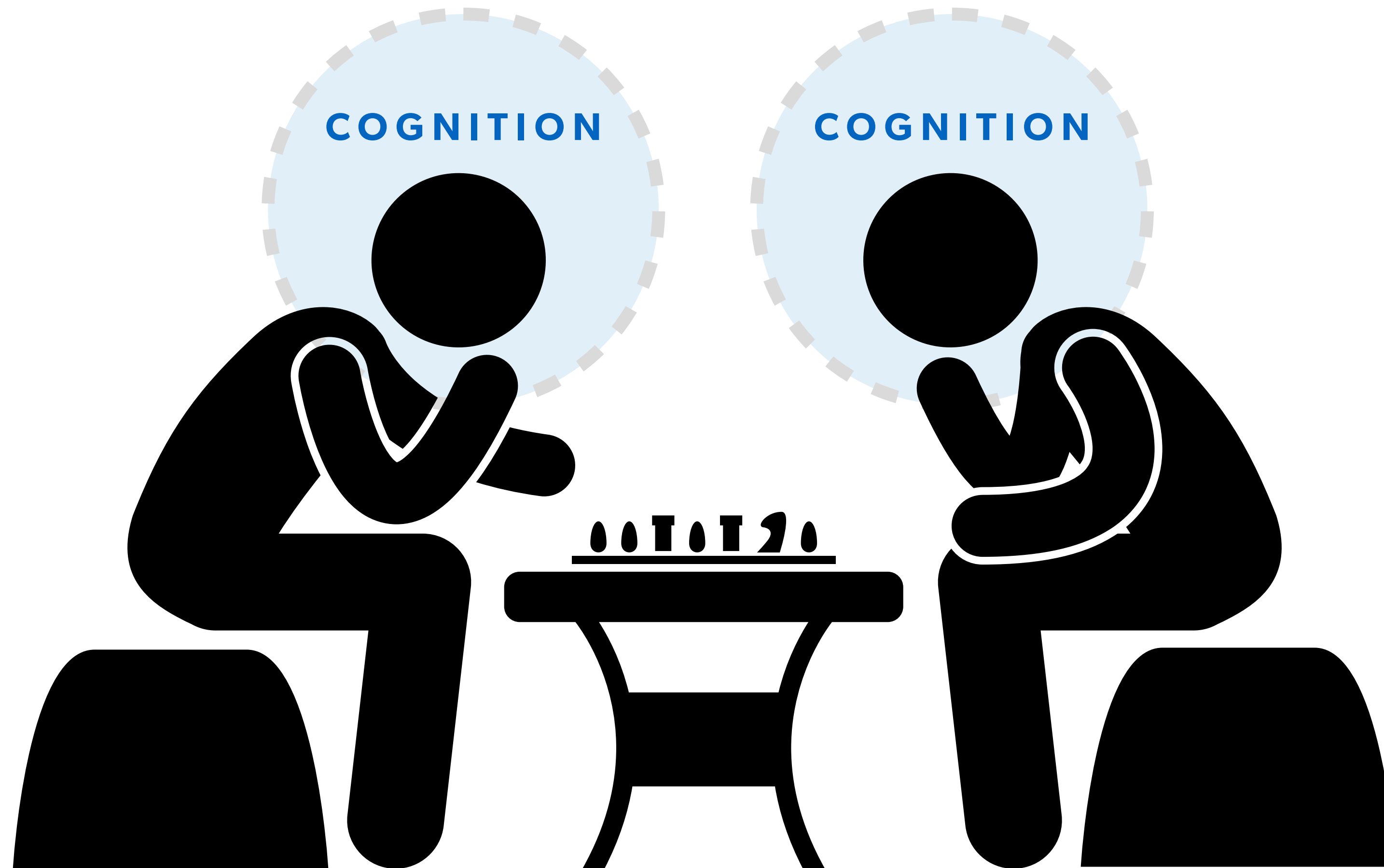


SUPPORTS MORE
COMPLEX THINKING!

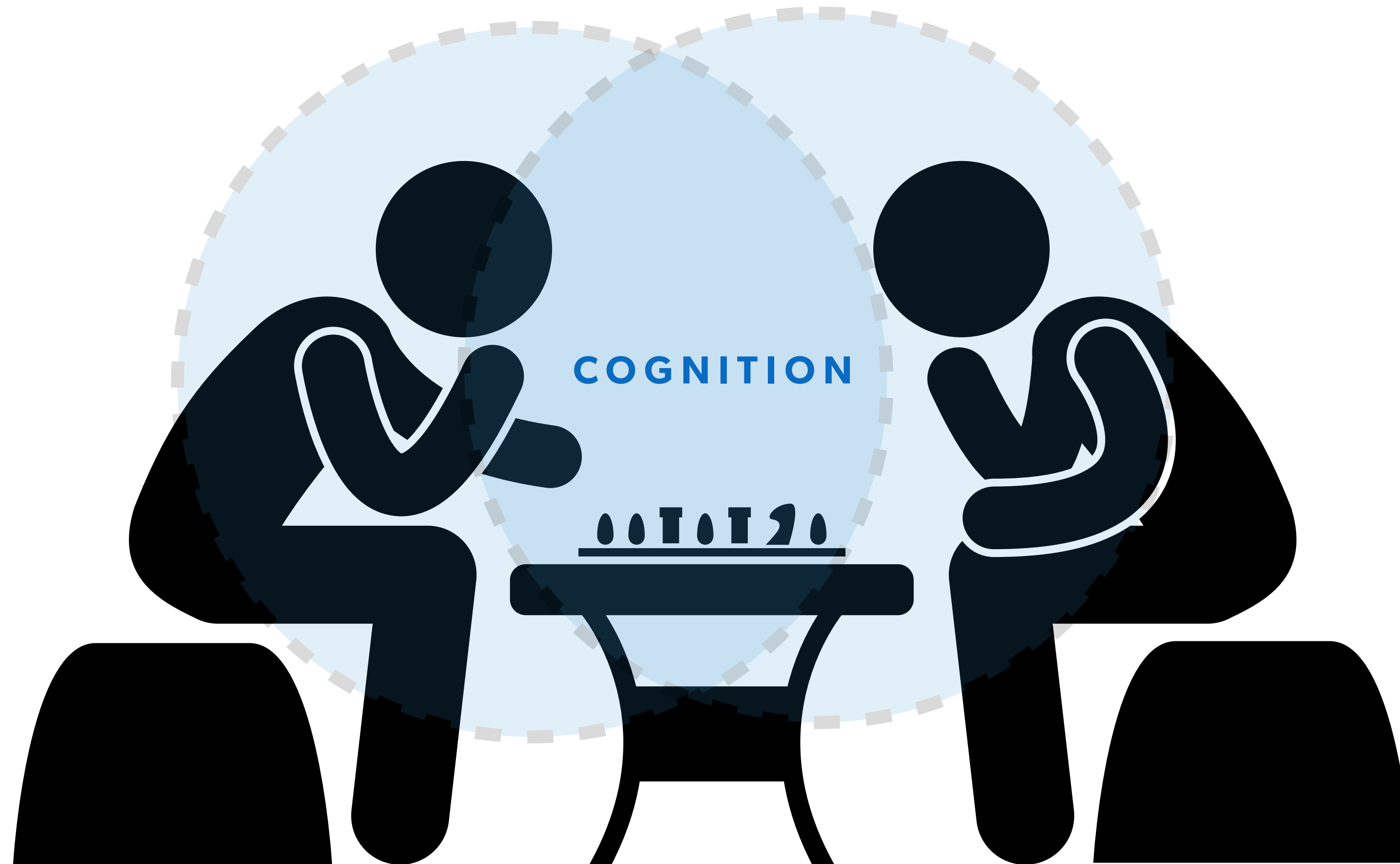
**WHERE DOES
THINKING HAPPEN?**

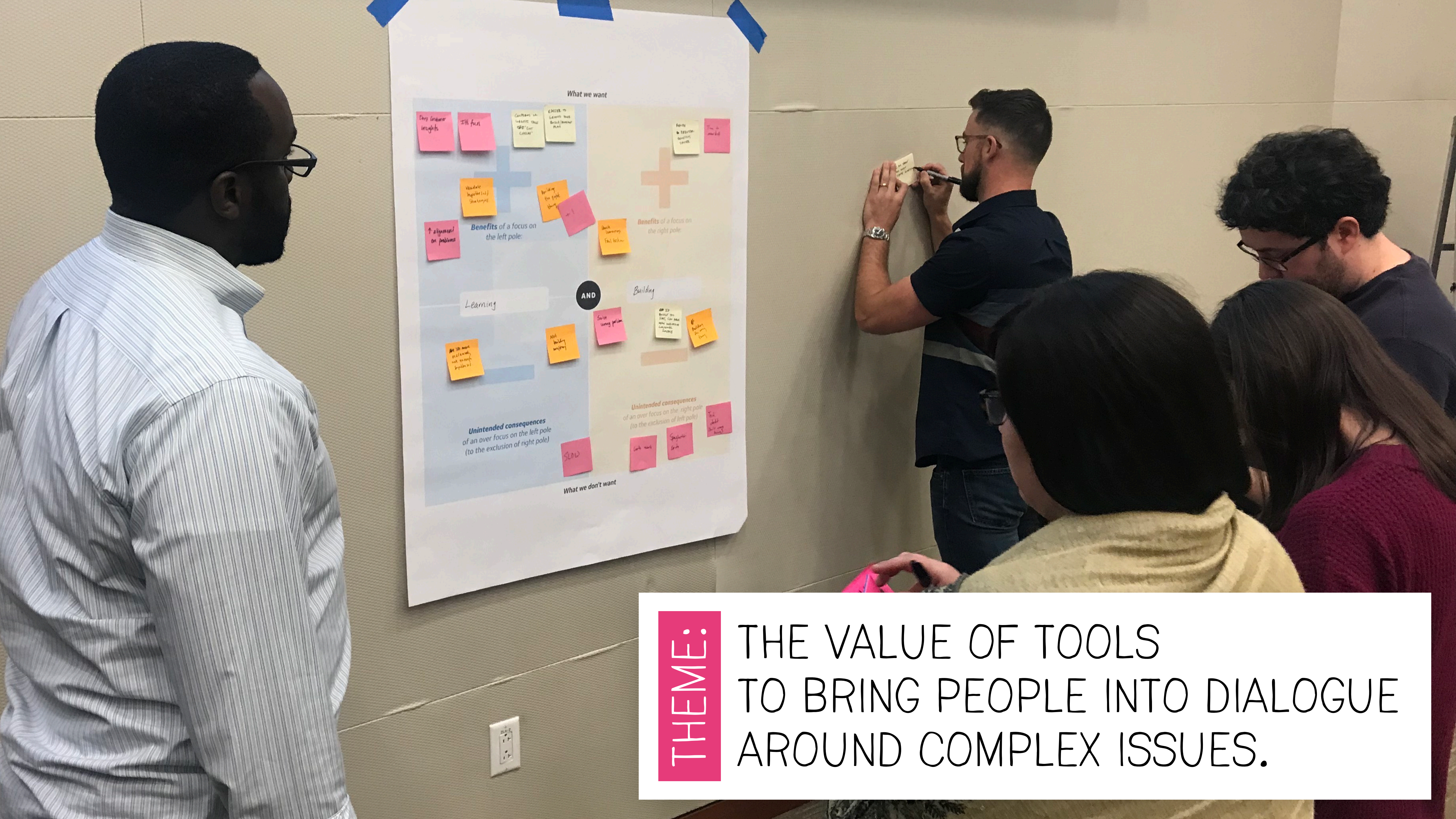


WHERE DOES THINKING HAPPEN?



WHERE DOES THINKING HAPPEN?





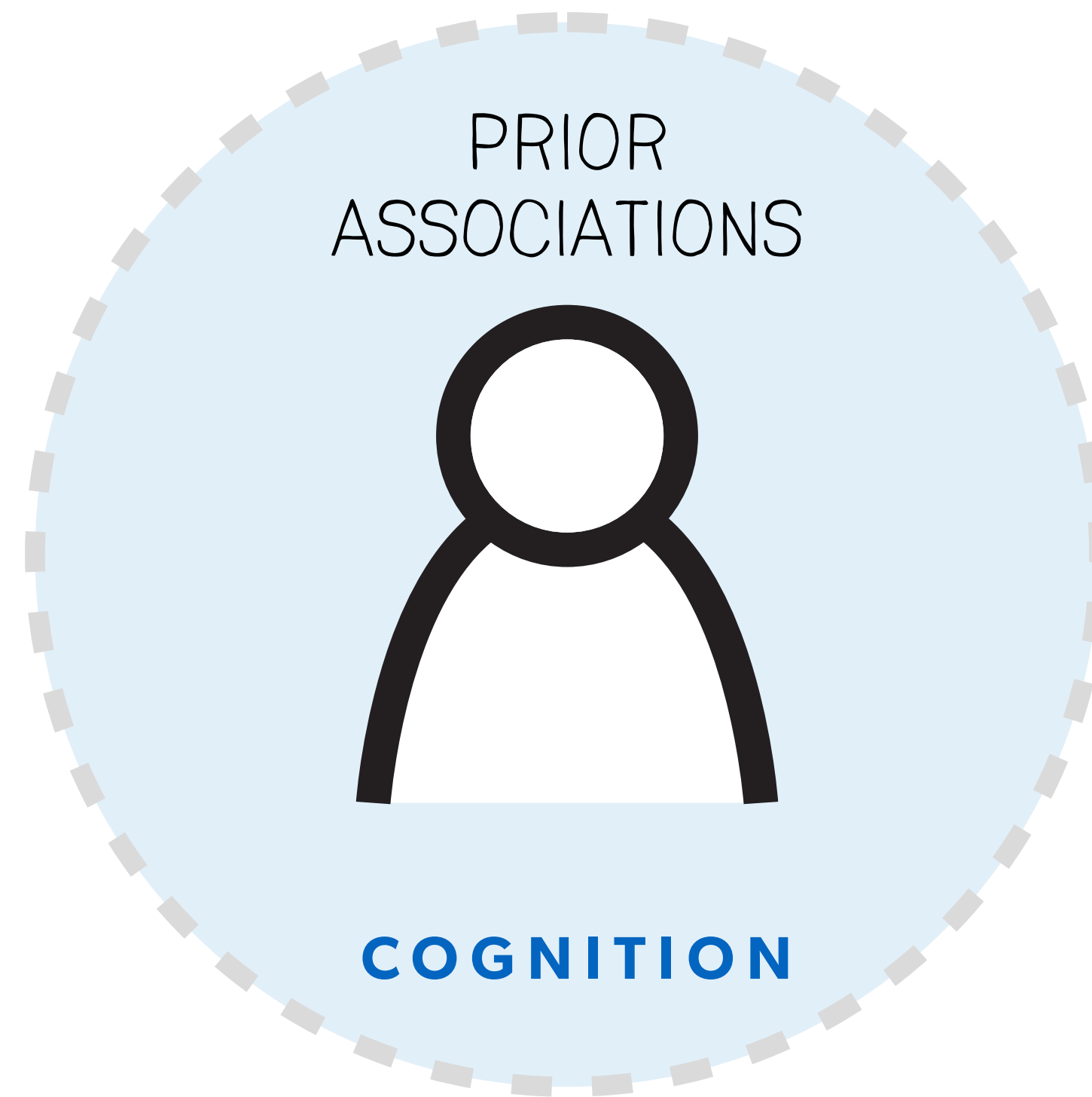
THEME:

THE VALUE OF TOOLS
TO BRING PEOPLE INTO DIALOGUE
AROUND COMPLEX ISSUES.

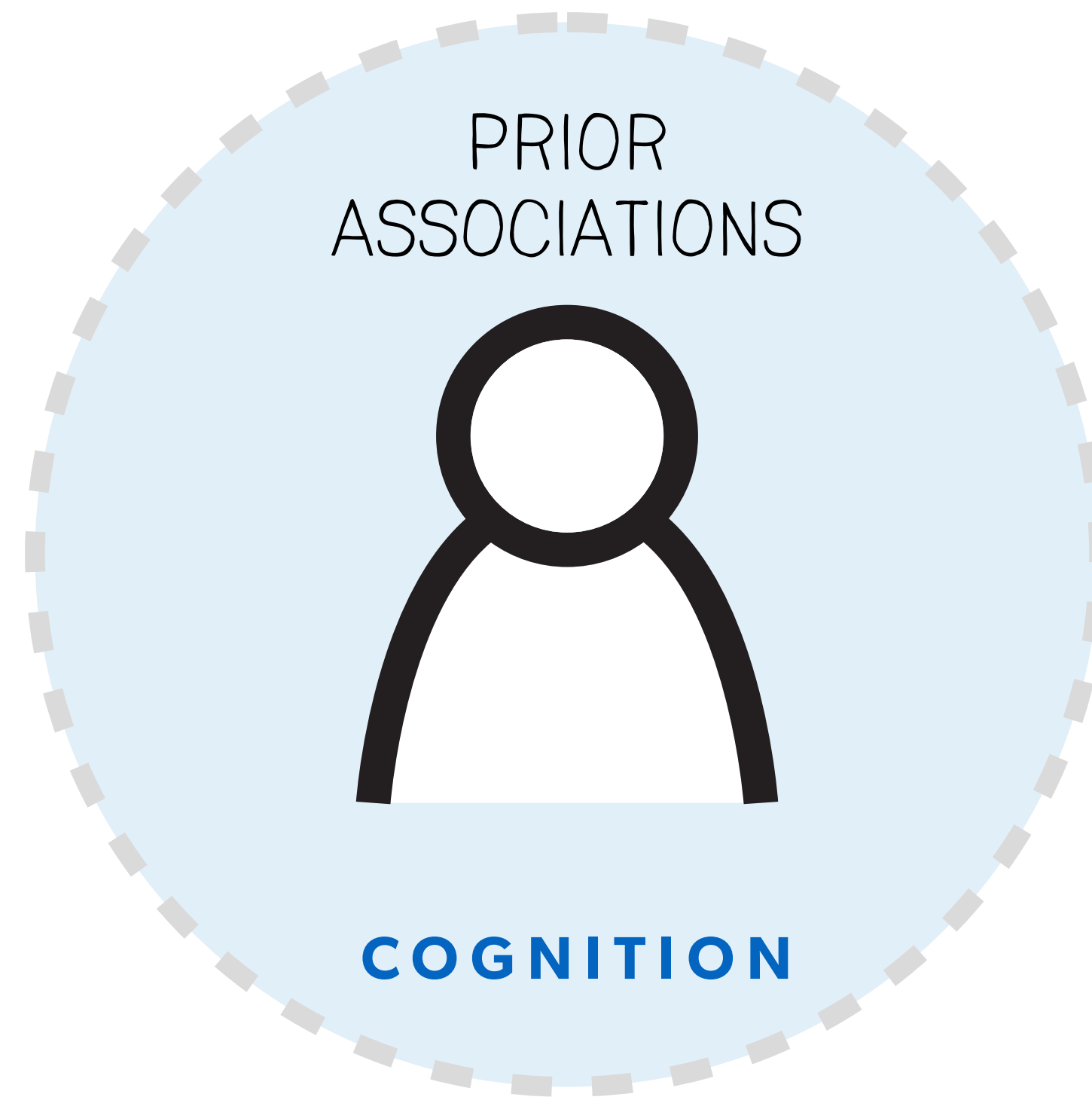
Multiply 2 x 3.

Multiply 32 x 11.

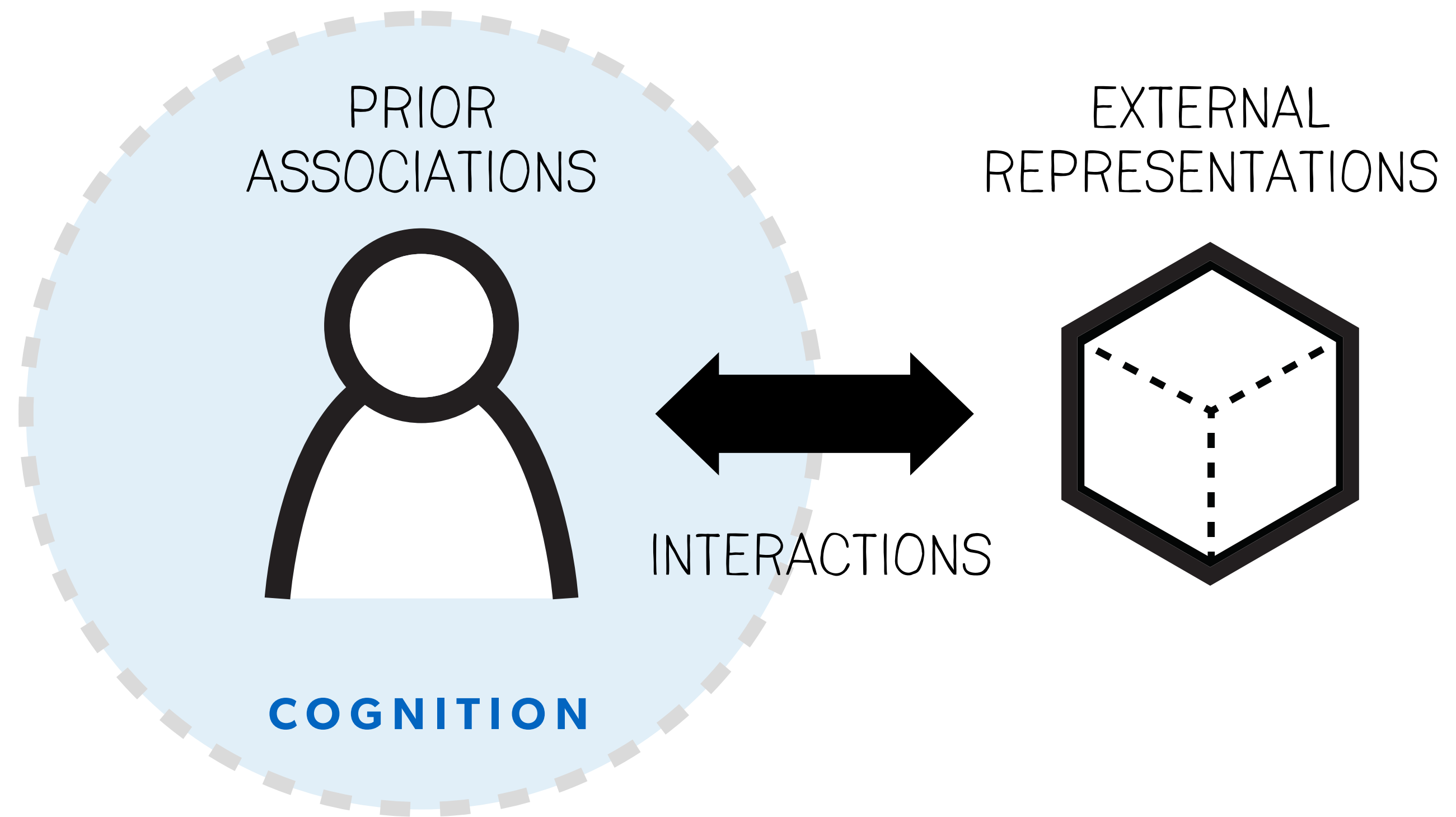
Multiply 32×11 .



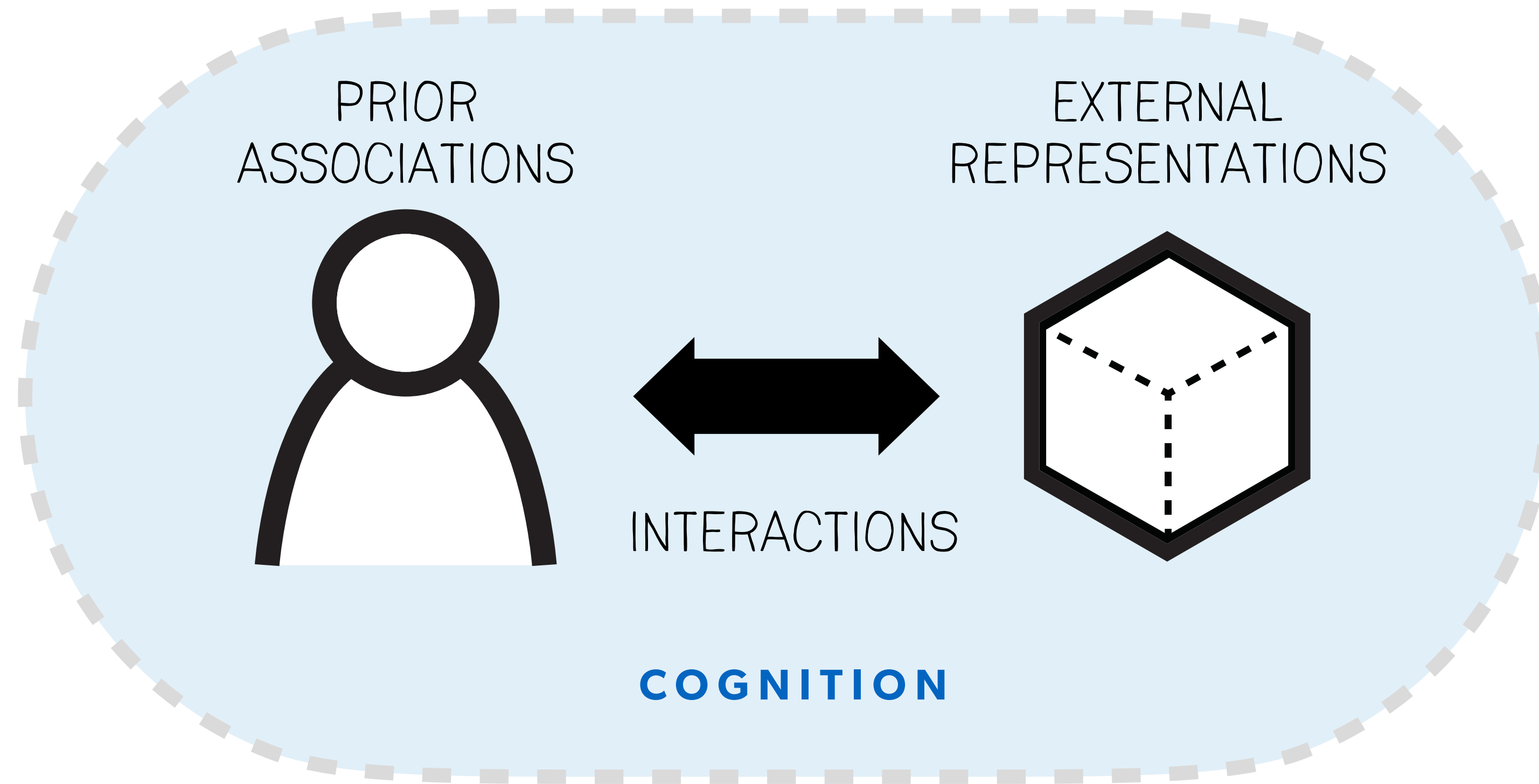
Multiply 327×489 .



Multiply 327 x 489.



Multiply 327×489 .





NORTHERN CARDINAL
Cardinalis carolinensis

3

WHEN ACTIVATED: Gain 1 ⚡ from the supply.

BIRD

GAIN FOOD FROM FEEDER

THEN ACTIVATE ANY BROWN POWERS IN THIS ROW

RED-SHOULDERED HAWK
Buteo lineatus

3

WHEN ACTIVATED: Tuck a ⚡ from your hand behind the bird. If you do, also lay 1 ⚡ on this bird.

BUSHTIT
Psaltriparus minimus

2

WHEN ACTIVATED: Tuck a ⚡ from your hand behind the bird. If you do, also lay 1 ⚡ on this bird.

PYGMY NUTHATCH
Sitta pygmaea

2

WHEN ACTIVATED: Tuck a ⚡ from your hand behind the bird. If you do, gain 1 ⚡ from the supply.

BALTIMORE ORIOLE
Icterus galbula

9

WHEN ACTIVATED: All players gain 1 ⚡ from the supply.

LAY EGGS ON NEST(S)

THEN ACTIVATE ANY BROWN POWERS IN THIS ROW

GRASSHOPPER SPARROW
Ammodramus leucurus

2

WHEN ACTIVATED: Lay 1 ⚡ on any nest.

LEWIS'S BLACKBIRD
Euphonia cyathigerus

3

WHEN ACTIVATED: Tuck a ⚡ from your hand behind the bird. If you do, also lay 1 ⚡ on this bird.

DRAW BIRD CARDS

THEN ACTIVATE ANY BROWN POWERS IN THIS ROW

FORSTER'S TERN
Asteria forsteri

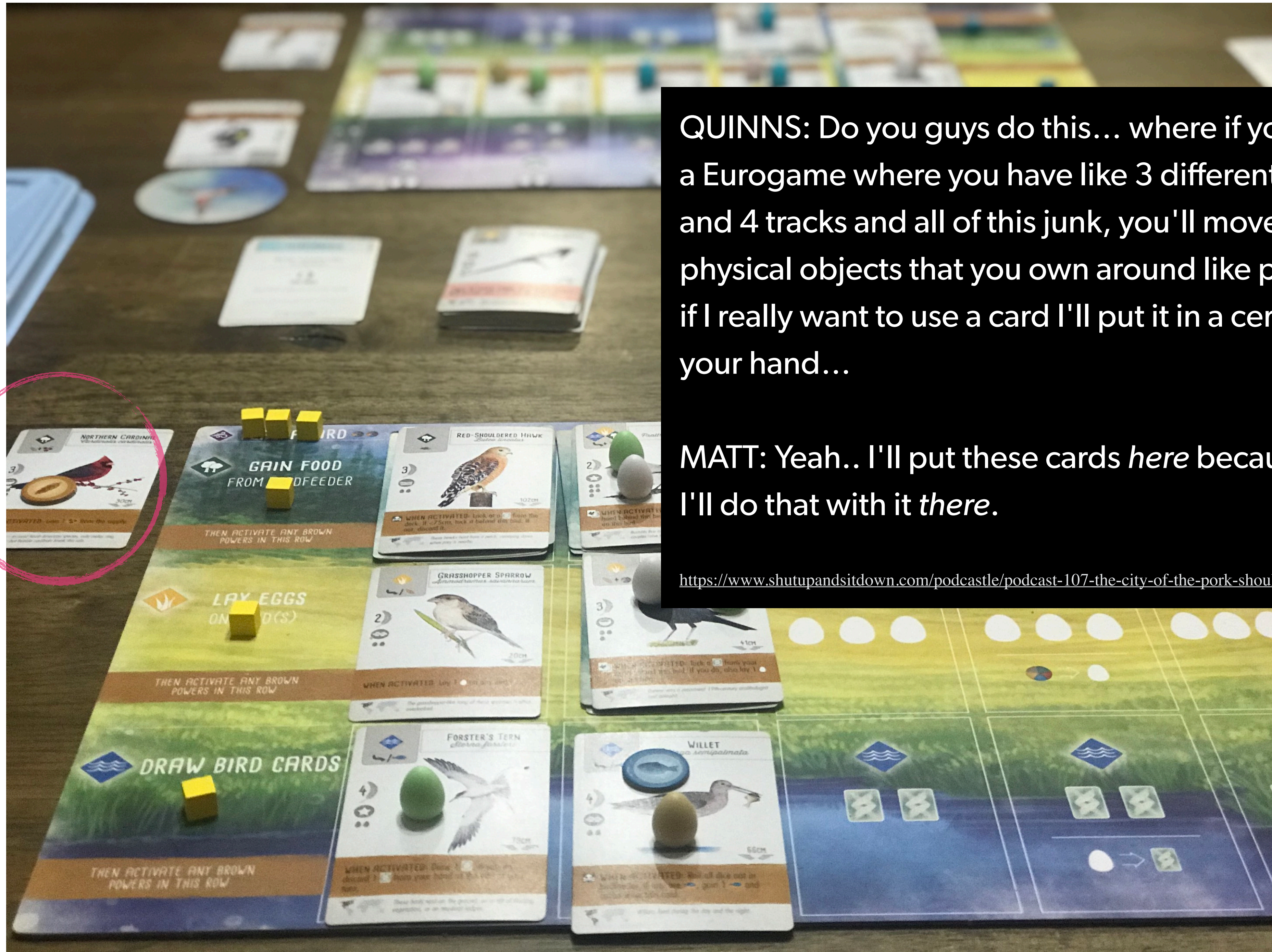
4

WHEN ACTIVATED: Draw 1 ⚡ from the deck. If you do, also lay 1 ⚡ on this bird.

WILLET
Tringa semipalmata

4

WHEN ACTIVATED: Roll all dice out or tuck a ⚡ from your hand behind the bird. If you do, gain 1 ⚡ and 1 ⚡ from the supply.

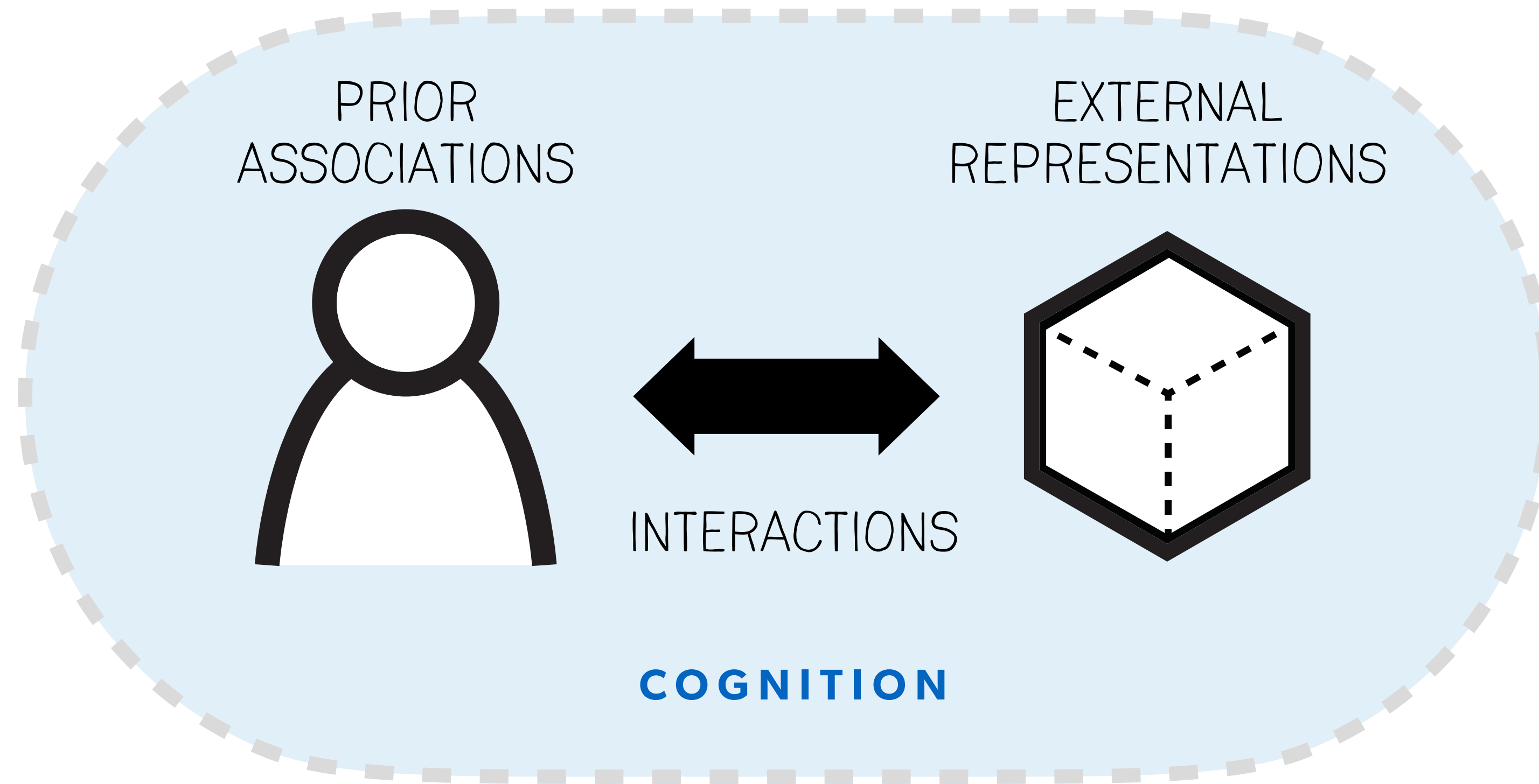


QUINNS: Do you guys do this... where if you're playing a Eurogame where you have like 3 different resources and 4 tracks and all of this junk, you'll move the physical objects that you own around like prompts. Like if I really want to use a card I'll put it in a certain place in your hand...

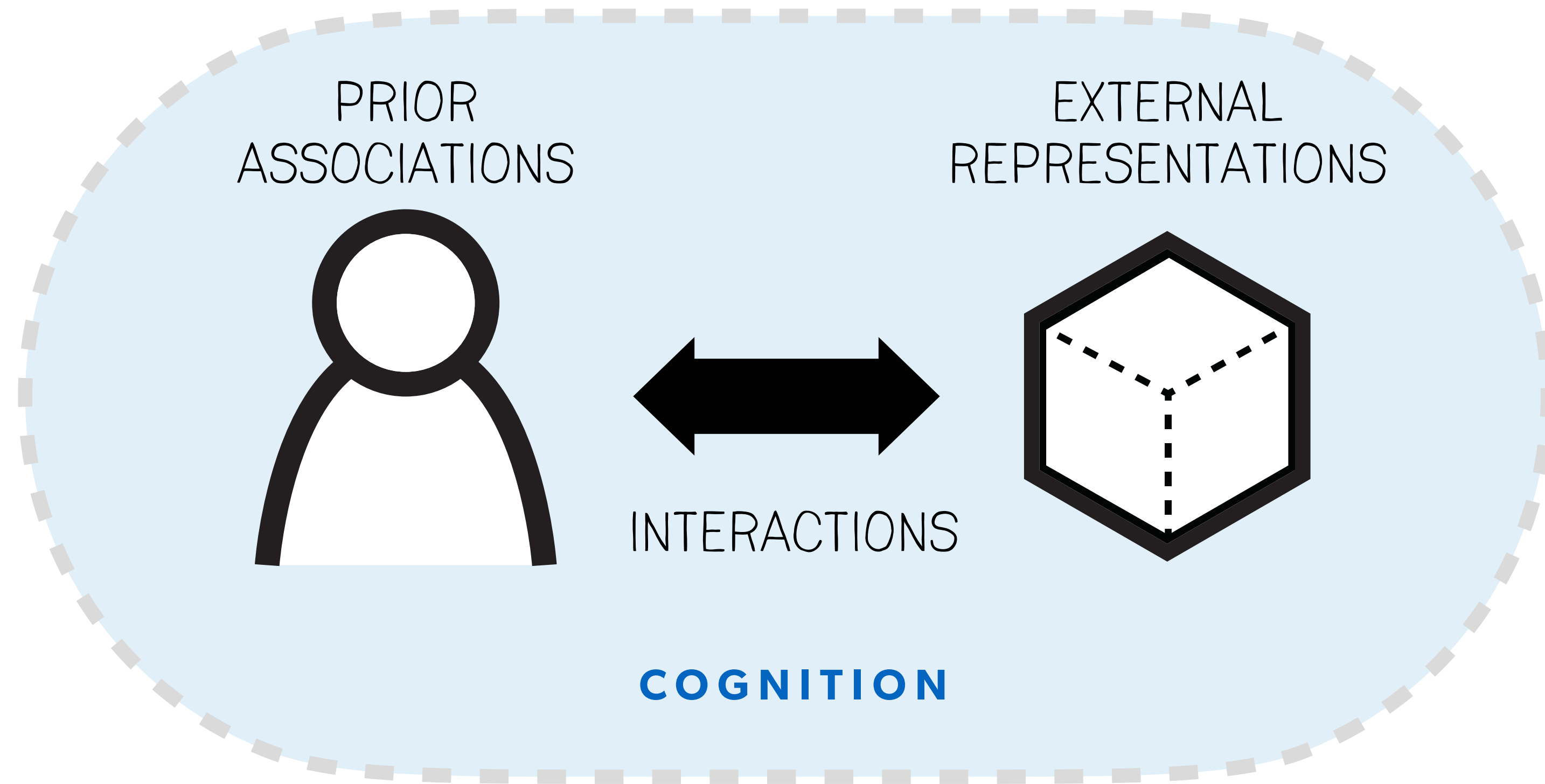
MATT: Yeah.. I'll put these cards *here* because I know I'll do that with it *there*.

<https://www.shutupandsitdown.com/podcast/podcast-107-the-city-of-the-pork-shoulders/>

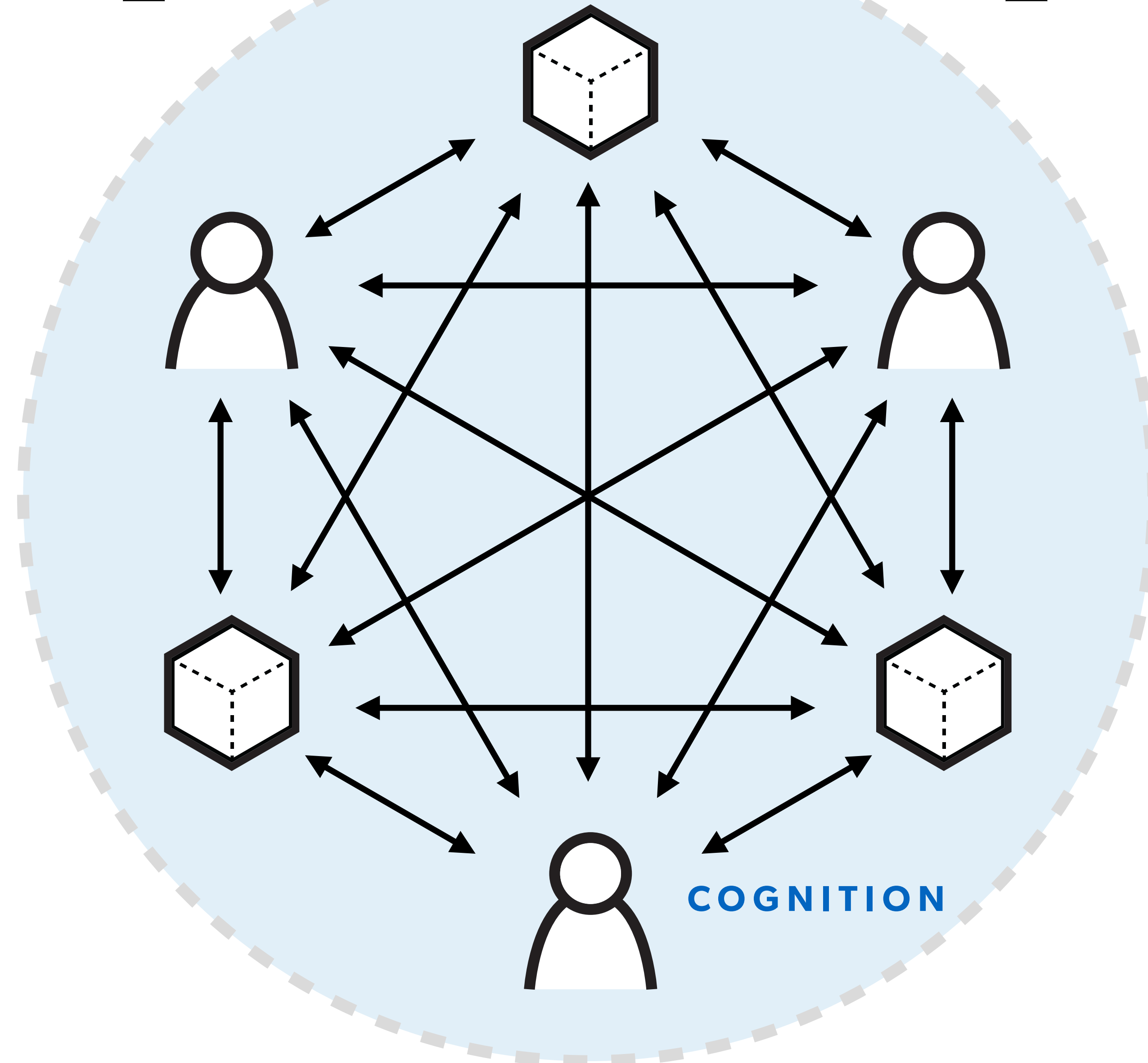
Multiply 327×489 .



“Let’s plan the next sprint.”



“Let’s plan the next sprint.”



THE COORDINATION OF...

PRIOR
ASSOCIATIONS

EXTERNAL
REPRESENTATIONS

INTERACTIONS



Impressed
Happy
Disappointed
Annoyed
Confused
Awful
Pissed Off
WTF
Pathetic
Put Out

What's your mood?

What's your mood?





WHY?

EXTERNAL VISUAL TOOLS...

...create persistent, shareable structures:

- *Are persistent structures.*
- *Can be shared with others*
- *Can represent literal as well as conceptual ideas.*

...provide perceptual, computational benefits:

- *Relieve our short term memory*
- *Help us to spot patterns*
- *Are powerful as mental construction tools.*

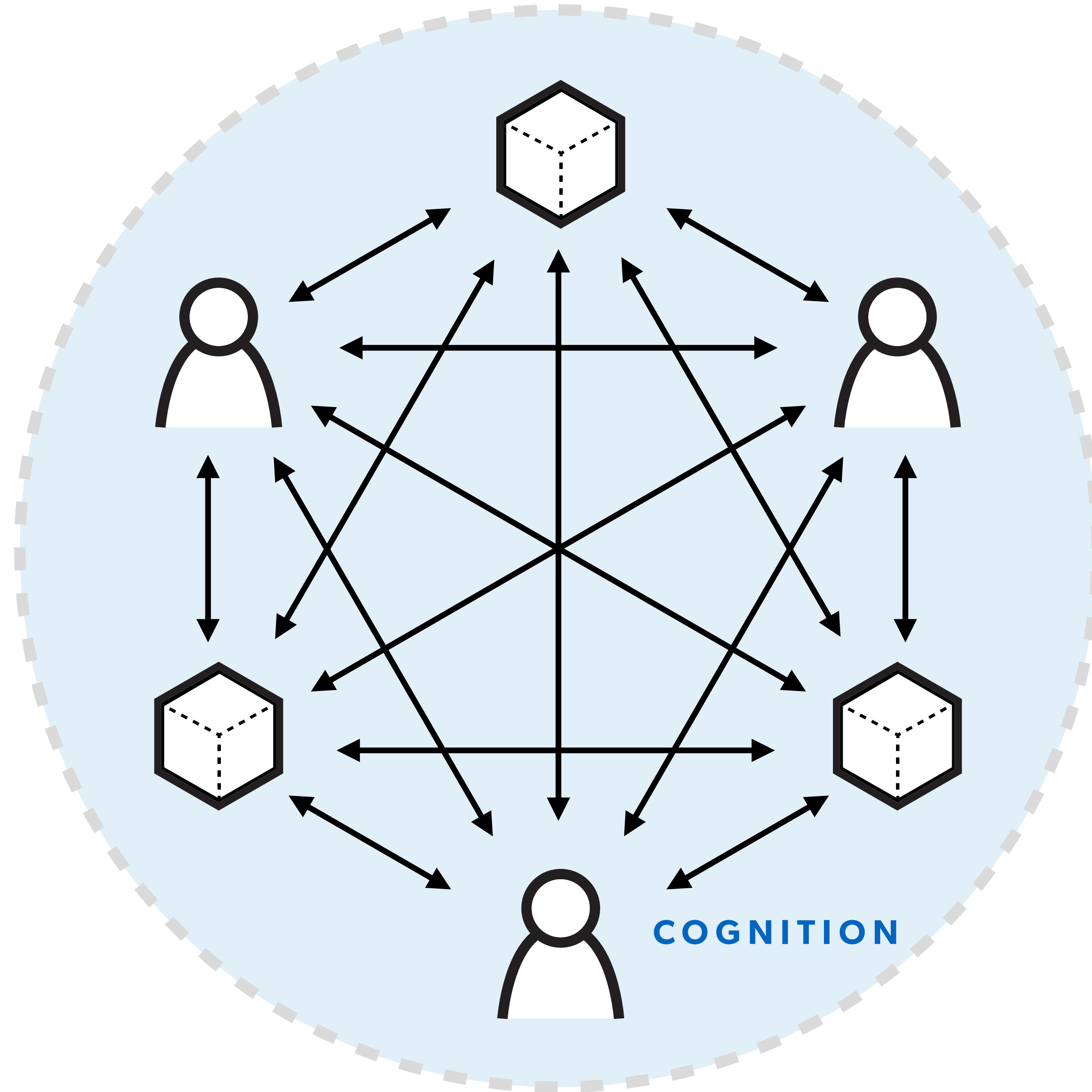
...allow us to more easily interact with information:

- *Can be modified.*
- *Can be rearranged (making it easier to explore many options)*
- *Can be “reformulated”*

...frame the conversation

- *Align us to specific outcomes*
- *Define boundaries within which we explore*
- *Direct us to think in one or several different ways*

...accelerate collective learning!



THE COORDINATION OF...

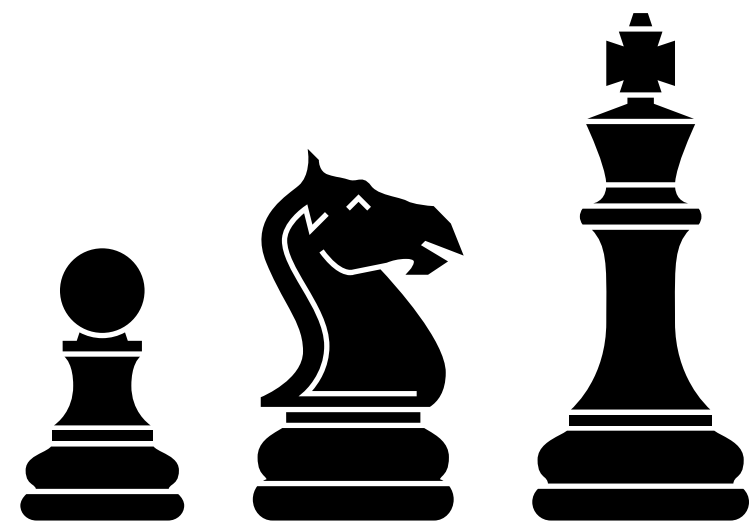
PRIOR
ASSOCIATIONS

EXTERNAL
REPRESENTATIONS

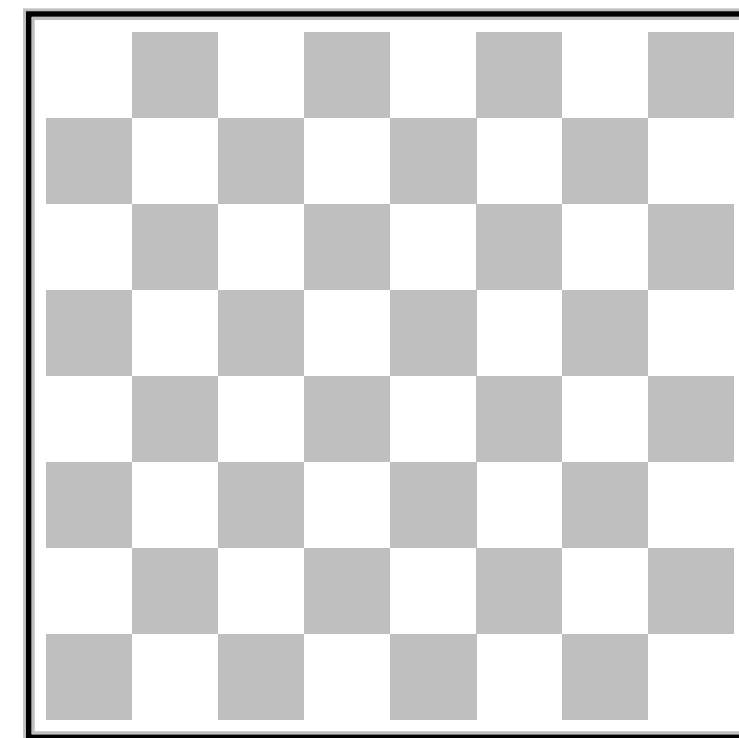
INTERACTIONS



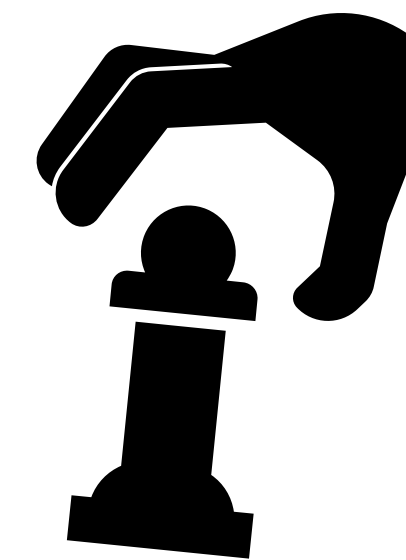
PRIOR
ASSOCIATIONS



VISUAL ENCODINGS

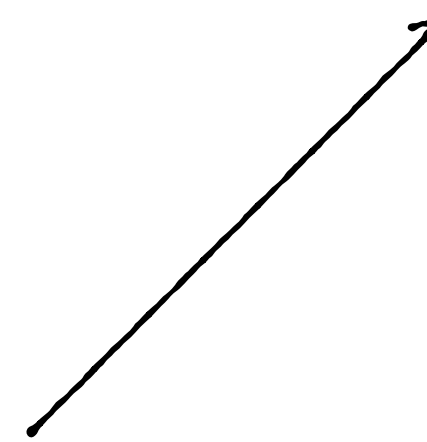
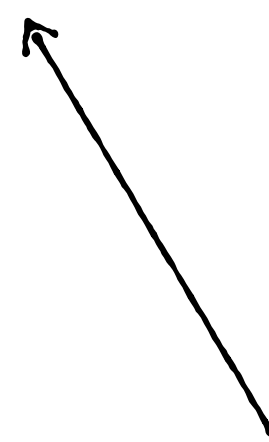


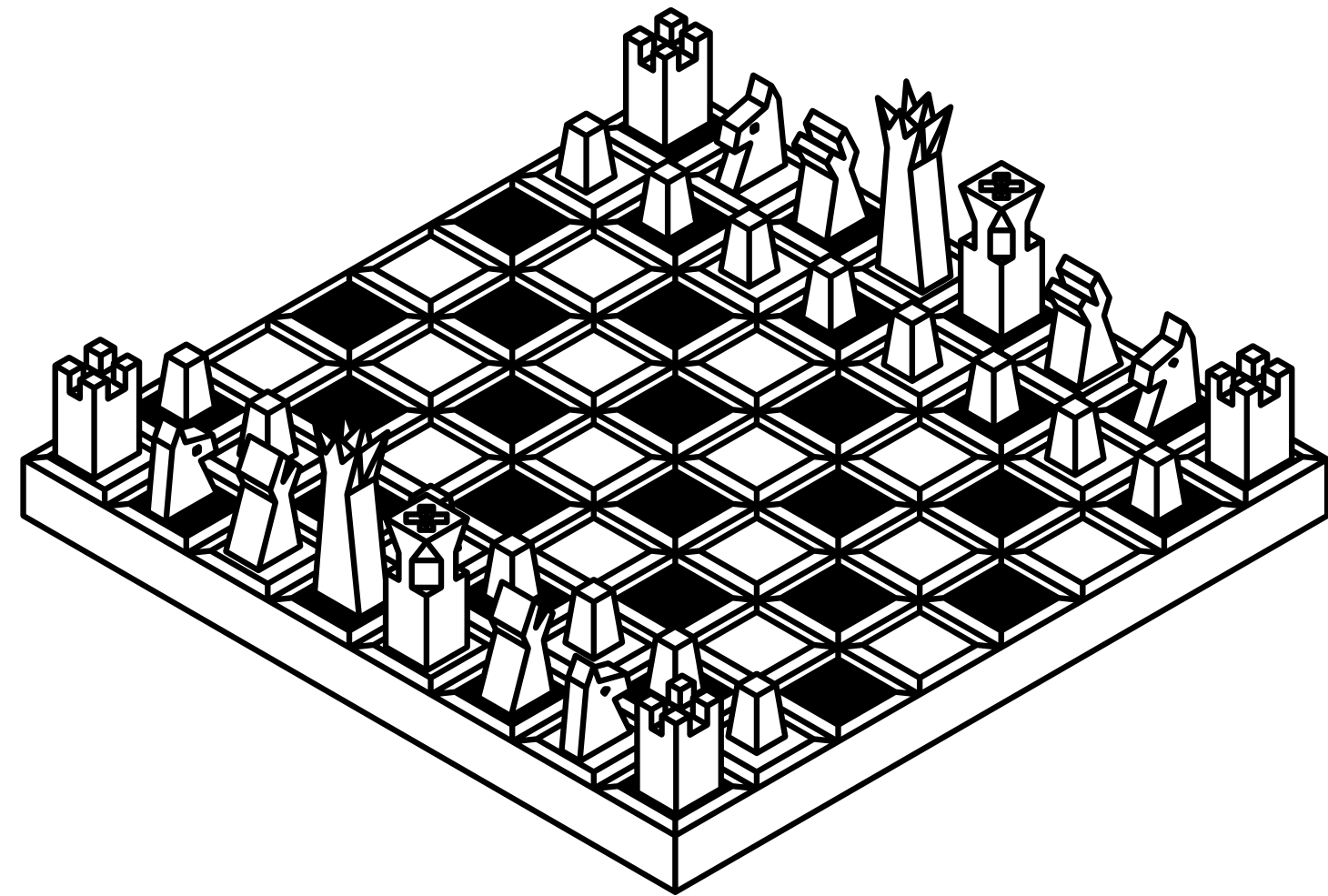
SPATIAL POSITIONING



INTERACTIONS

EXTERNAL
REPRESENTATIONS





Pieces activate prior associations

Pieces hold meaning

Pieces hold place

Placement holds meaning

Interactions facilitate meaning making



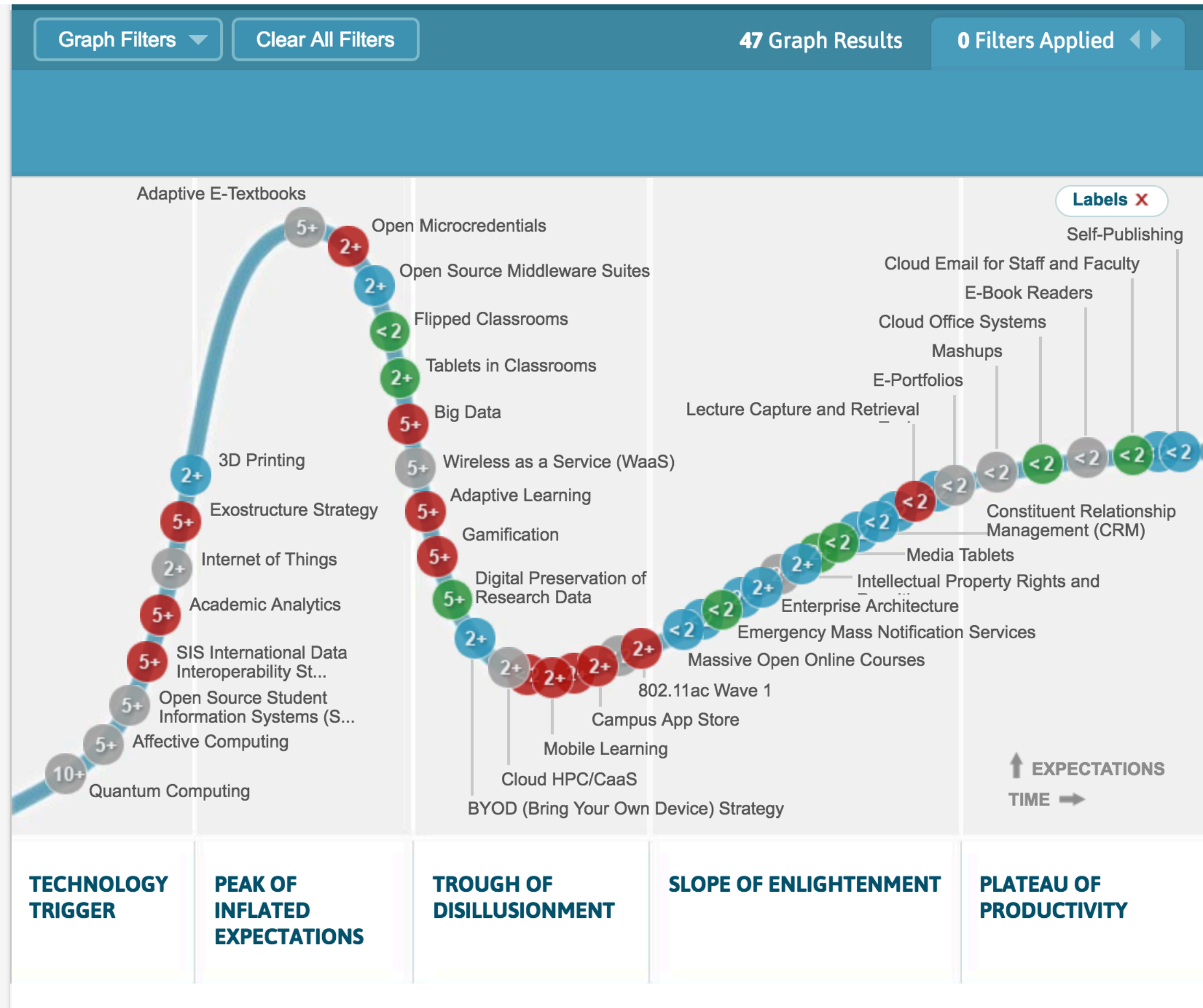
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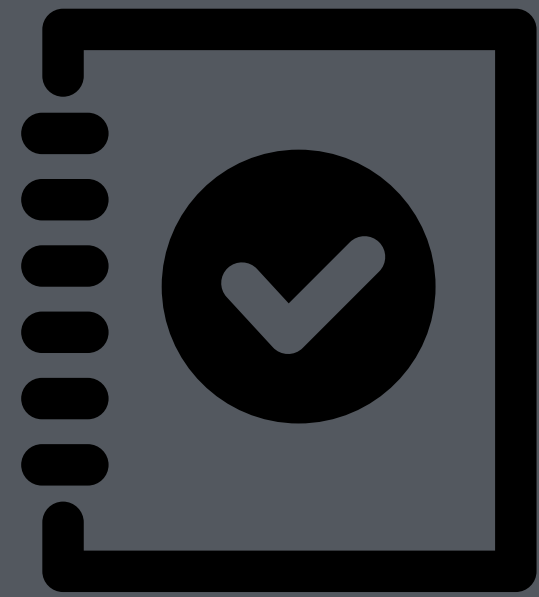
Pieces activate prior associations

Pieces hold meaning

Pieces hold place

Placement holds meaning

Interactions facilitate meaning making



**When we bring ideas into the world
(in a thoughtful, structured way)
we extend our ability to think about
and discuss complex topics.**

What do you see?

(THINKING ABOUT COGNITION)



Meeting A



Meeting B

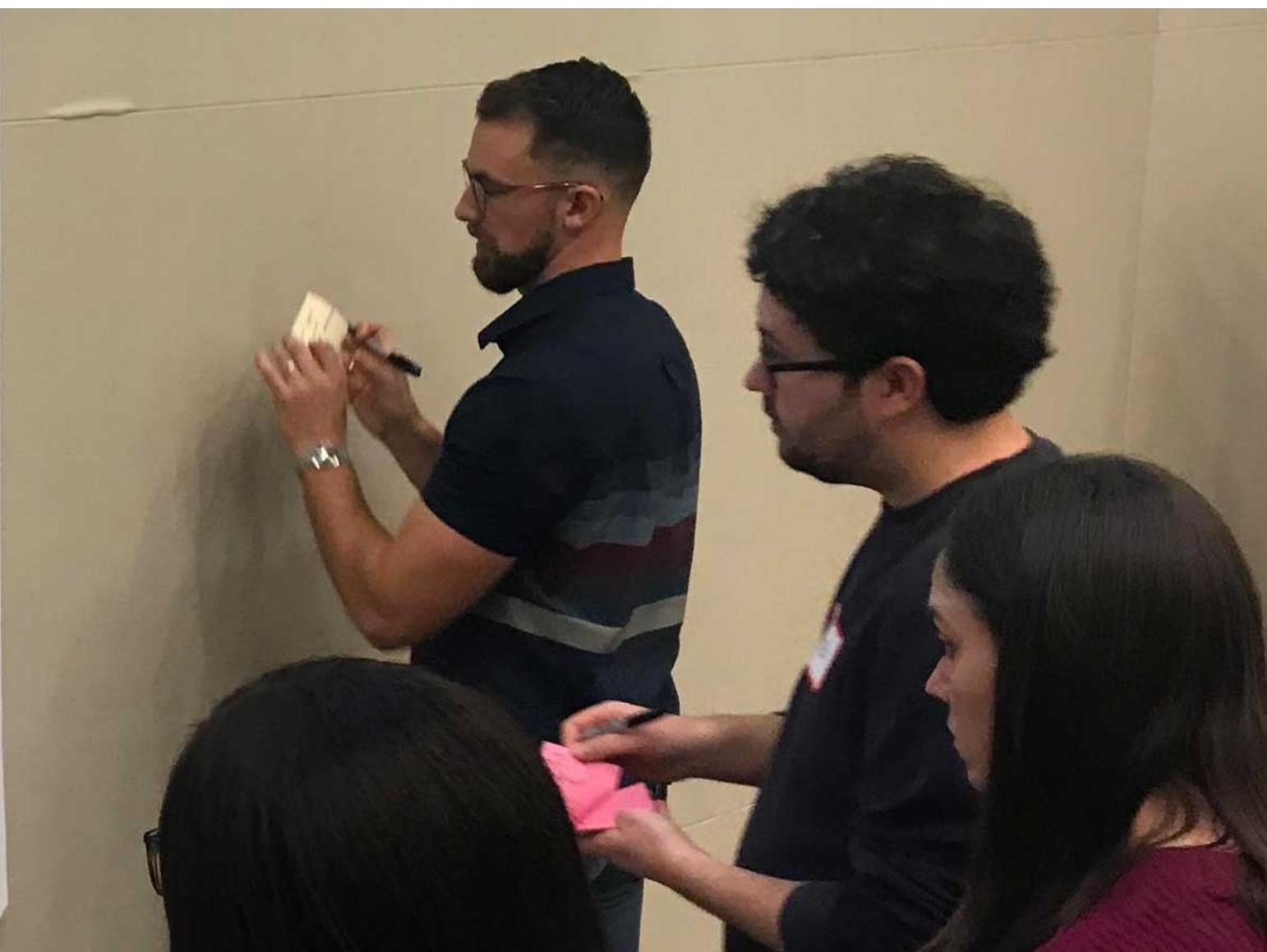
THEORY

EXAMPLES?

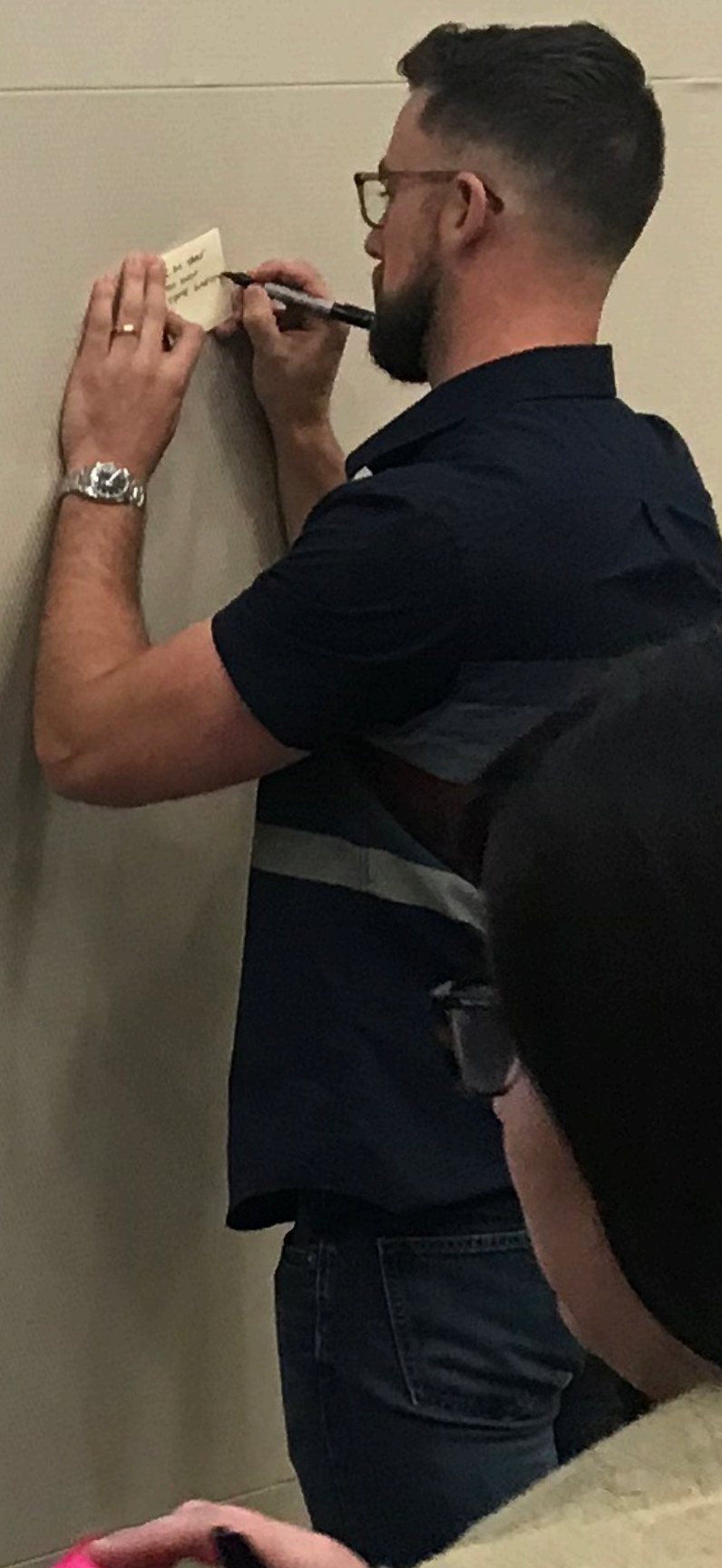
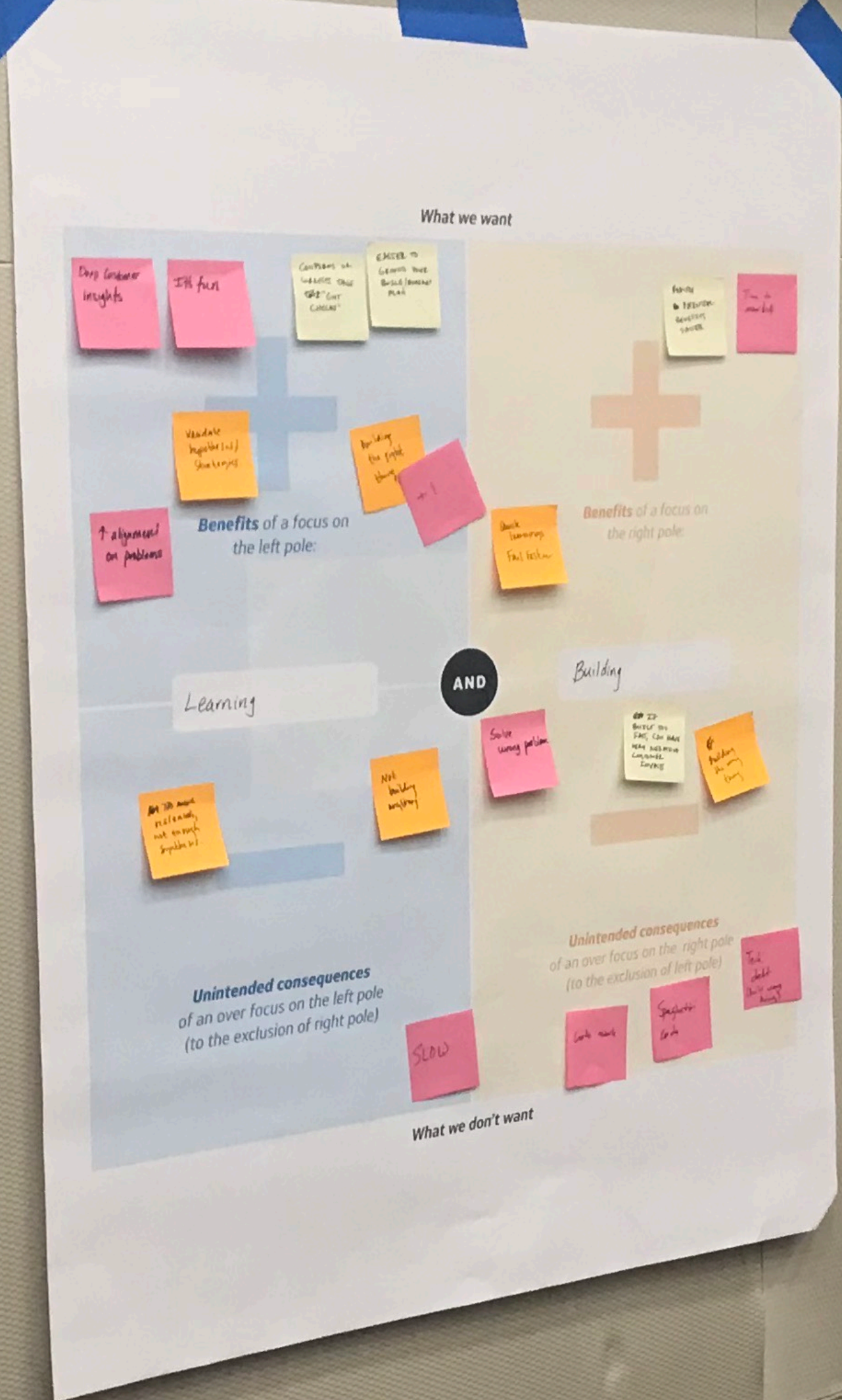


CARD DECKS
TILES
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MAPS
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REFLECTION QUESTIONS
GAMES

‘things to think with’



ANALOGIES
EXPLORABLE EXPLANATIONS
GAMEBOOKS
SIMULATIONS
DATA VISUALIZATIONS
ETC.



**How do we discuss
competing priorities?**

(Polarity Mapping)

“ It feels like no cares about user research, or leaves room for good, thoughtful design. We talk about how important users are, but our processes are all about shipping *features*—as quickly as possible—with the promise that we’ll make it better in the future. To be frank, I’m not proud of the work I’ve done. We’re building the wrong things; most of it is stuff only the business cares about.”

“ The design team wants to slow everything down. Right now, we need to move fast and get a pilot in market—ASAP. We can learn along the way. As it is, teams spend too much time in research. We need more execution.”

#UX

[LEARNING]

“ It feels like no cares about user research, or leaves room for good, thoughtful design. We talk about how important users are, but our processes are all about shipping *features*—as quickly as possible—with the promise that we’ll make it better in the future. To be frank, I’m not proud of the work I’ve done. We’re building the wrong things; most of it is stuff only the business cares about.”

[BUILDING]

“ The design team wants to slow everything down. Right now, we need to move fast and get a pilot in market—ASAP. We can learn along the way. As it is, teams spend too much time in research. We need more execution.”

#UX

TWO IDEAS ARE DIRECTLY
OPPOSED AND IN CONFLICT

SOMETHING THAT CAN
HAVE A RIGHT – OR
BEST – ANSWER; A
SOLUTION EXISTS

A PROBLEM... OR A POLARITY?

EITHER/OR

BOTH/AND

A DILEMMA THAT IS
ONGOING,
UNSOLVABLE AND
CONTAINS SEEMINGLY
OPPOSING IDEAS

TWO IDEAS ARE COMPLEMENTARY
AND INTERDEPENDENT

Should we focus on Innovation or Efficiency?

Should we prioritize Delivery or Quality?

Growth vs. Consolidation?

Short-term Gains vs. Long-term Organic Growth?

Centralization vs. Decentralization

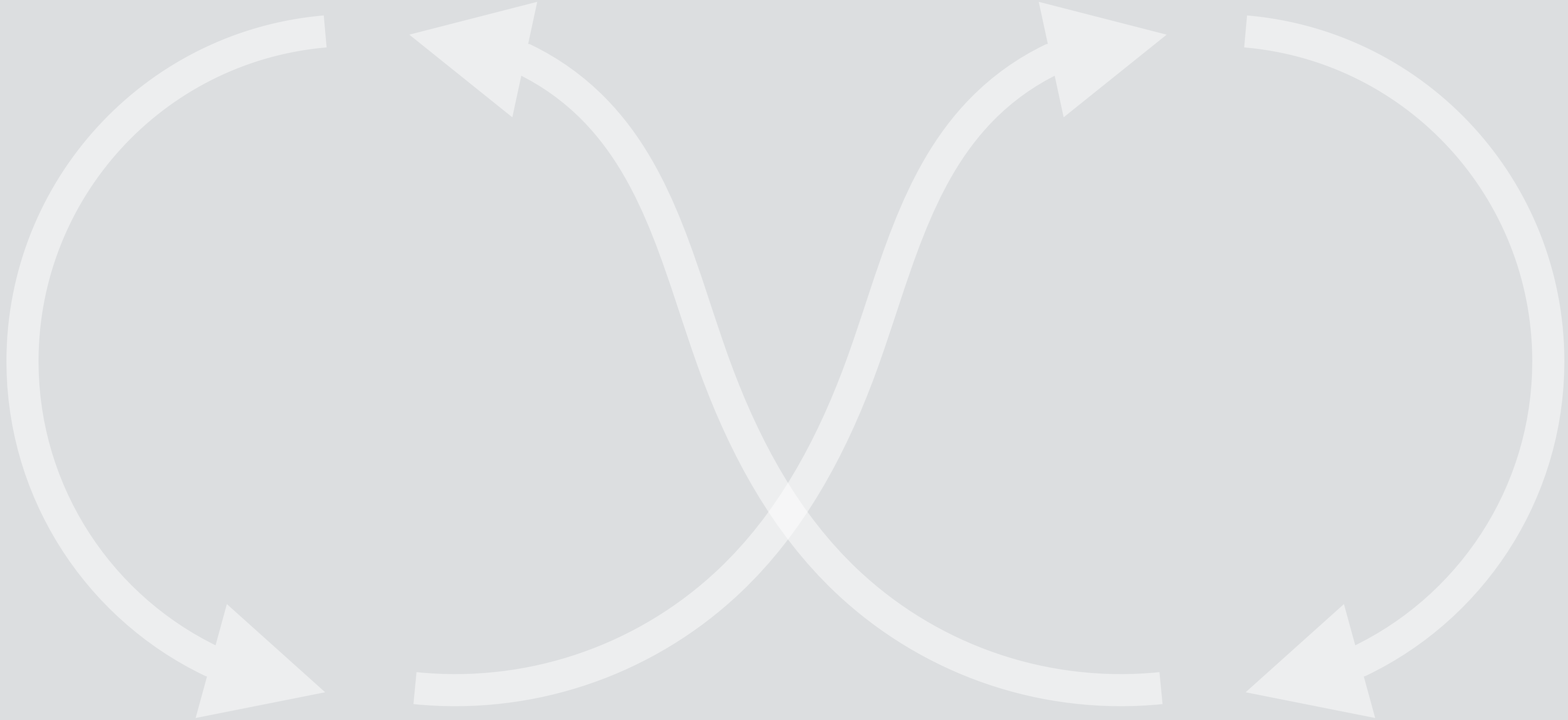
Change vs. Stability?

Empathy or Toughness?

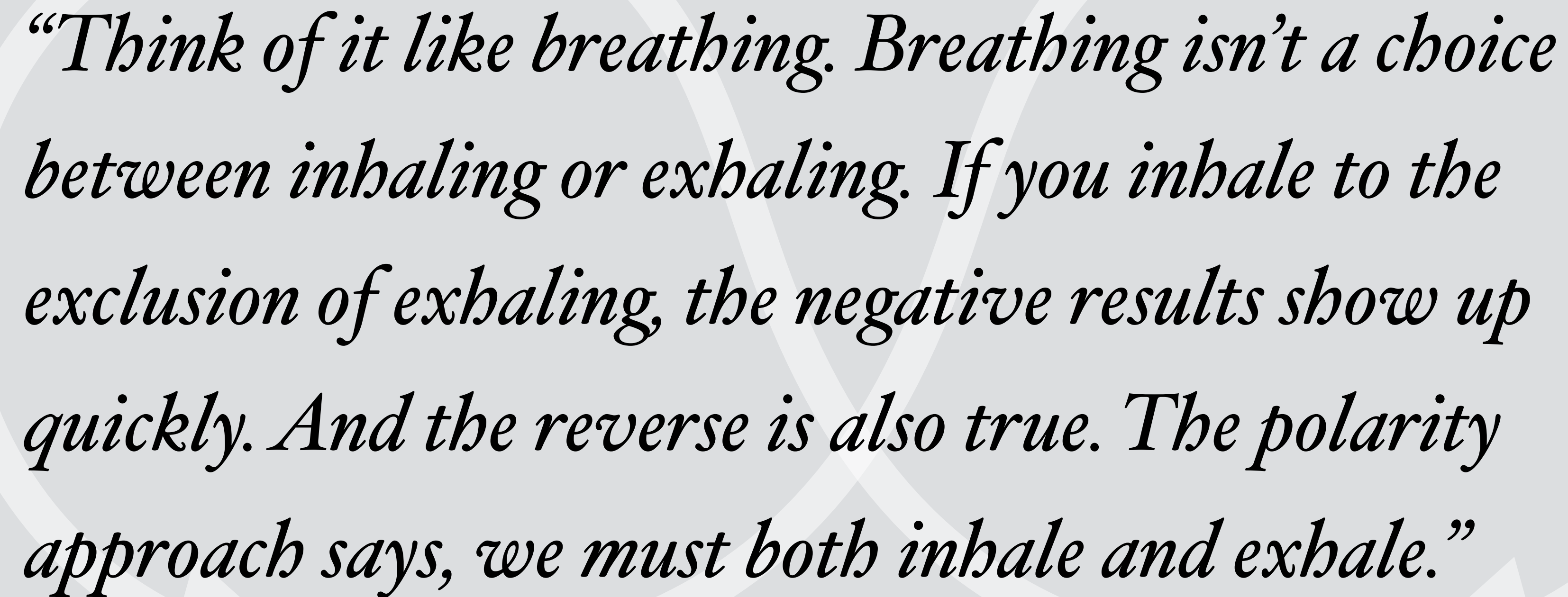
Keeping Control or Empowering Others?

Generalist or Specialist?

POLARITIES ARE NOT A PROBLEM TO BE SOLVED, BUT RATHER A PARADOX TO BE BALANCED.

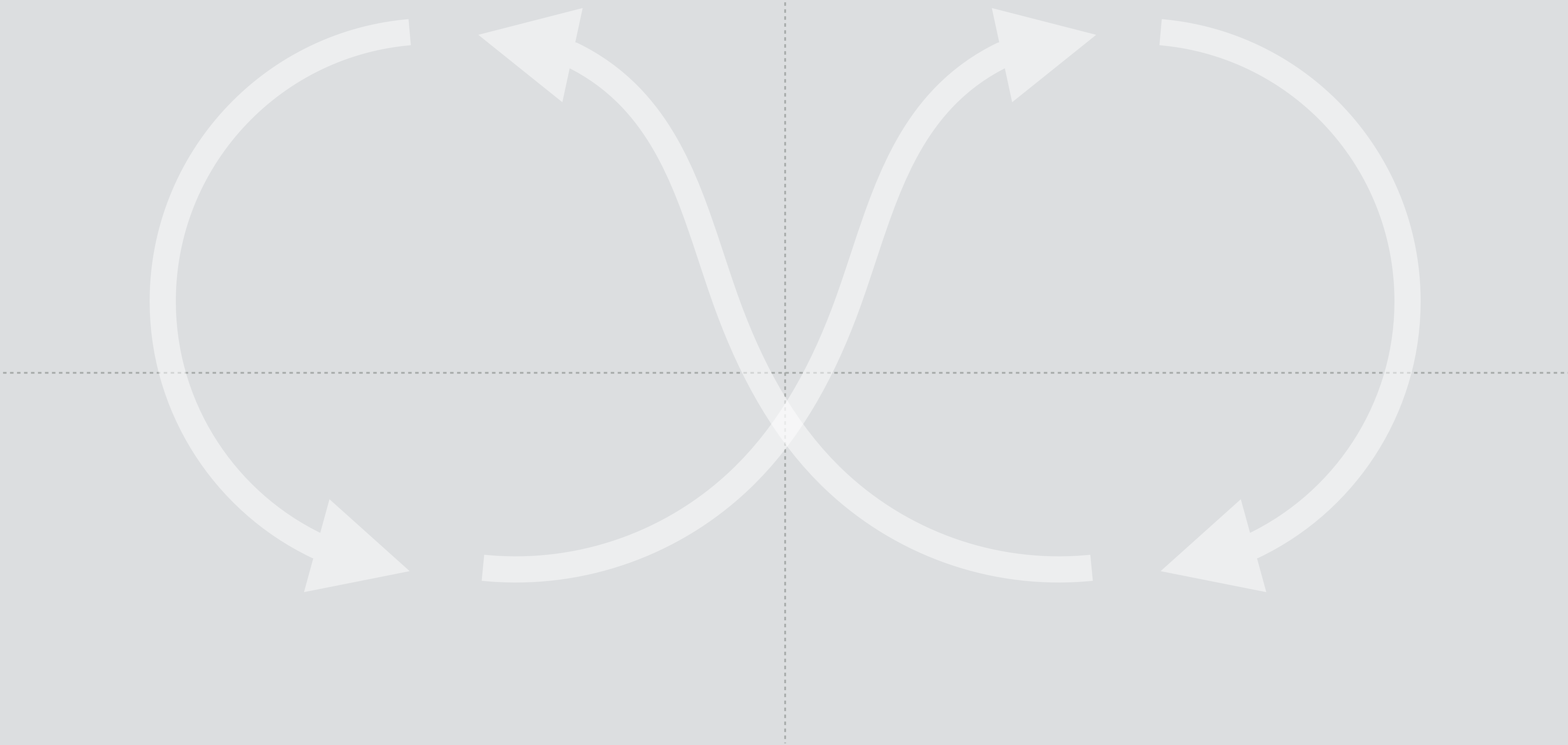


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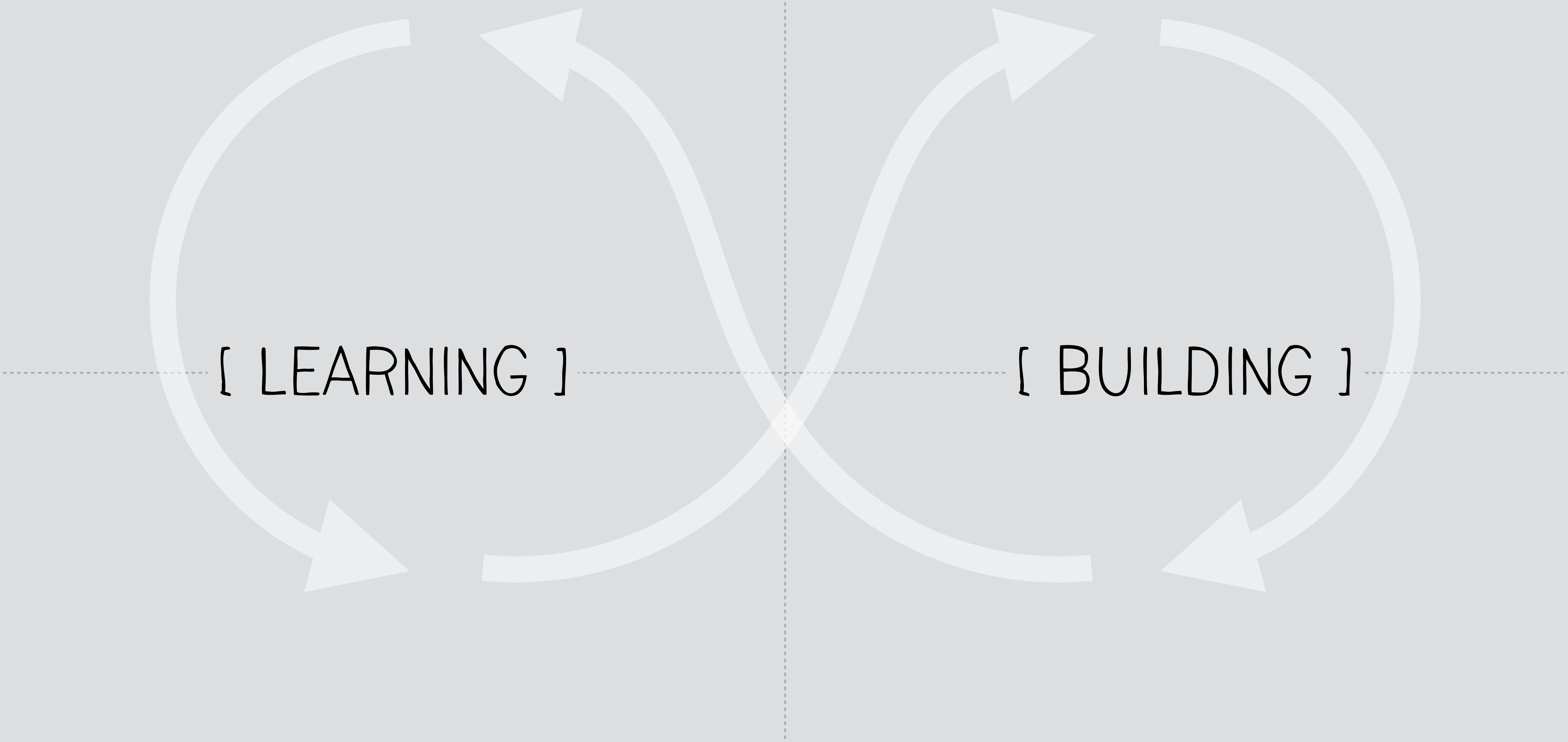


“Think of it like breathing. Breathing isn’t a choice between inhaling or exhaling. If you inhale to the exclusion of exhaling, the negative results show up quickly. And the reverse is also true. The polarity approach says, we must both inhale and exhale.”

POLARITIES ARE NOT A PROBLEM TO BE SOLVED, BUT RATHER A PARADOX TO BE BALANCED.



POLARITIES ARE NOT A PROBLEM TO BE SOLVED, BUT RATHER A PARADOX TO BE BALANCED.



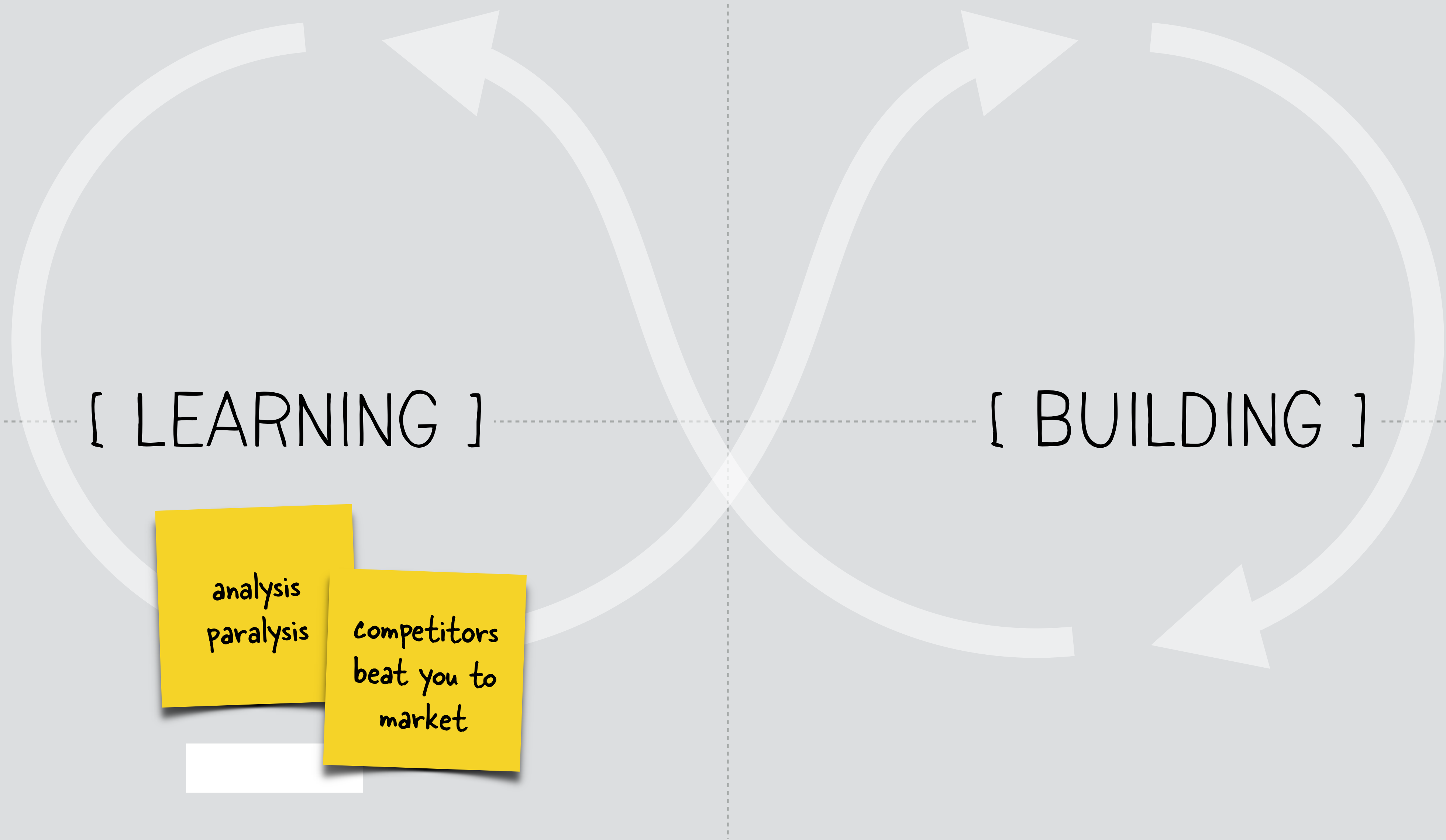
POLARITIES ARE NOT A PROBLEM TO BE SOLVED, BUT RATHER A PARADOX TO BE BALANCED.

[LEARNING]

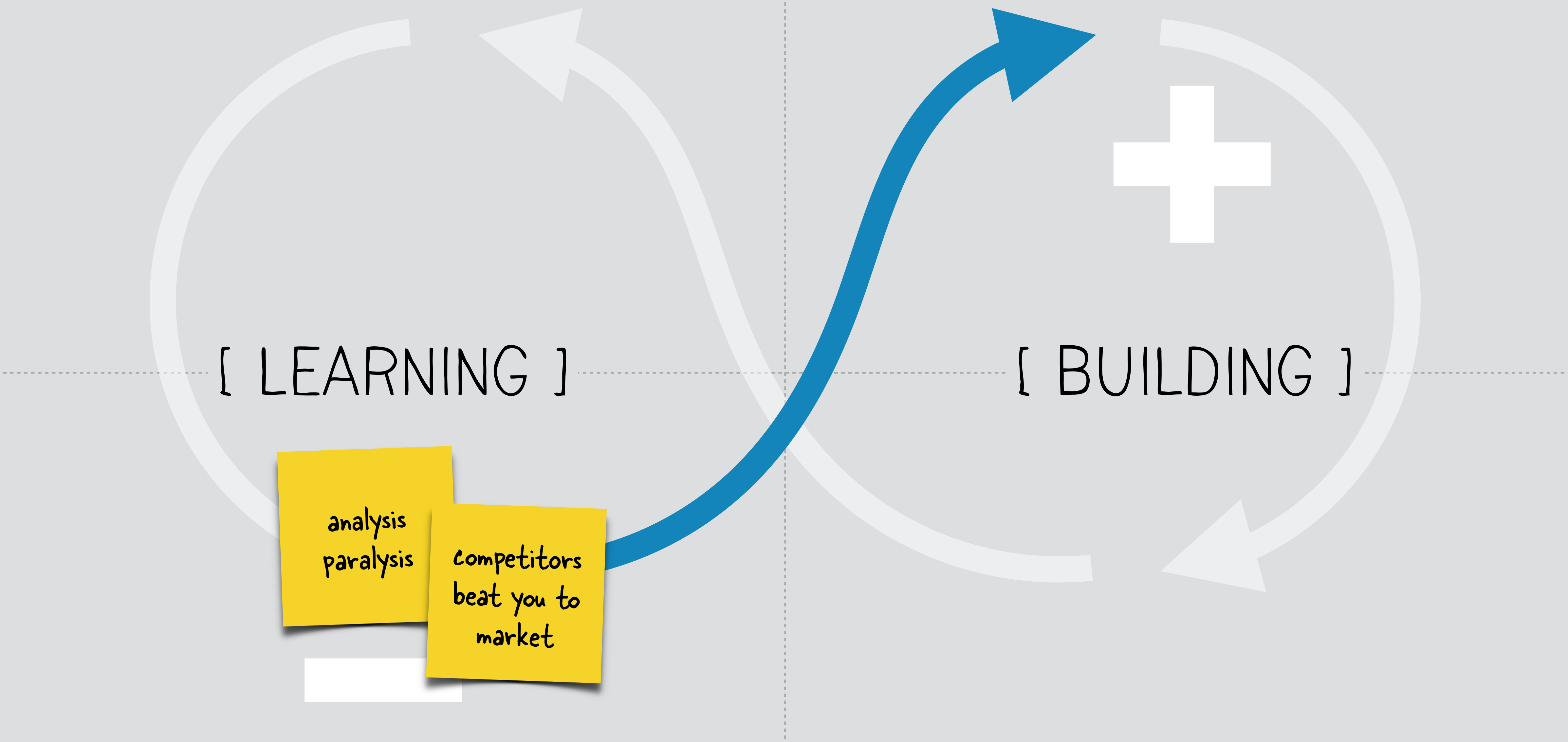
[BUILDING]

analysis
paralysis

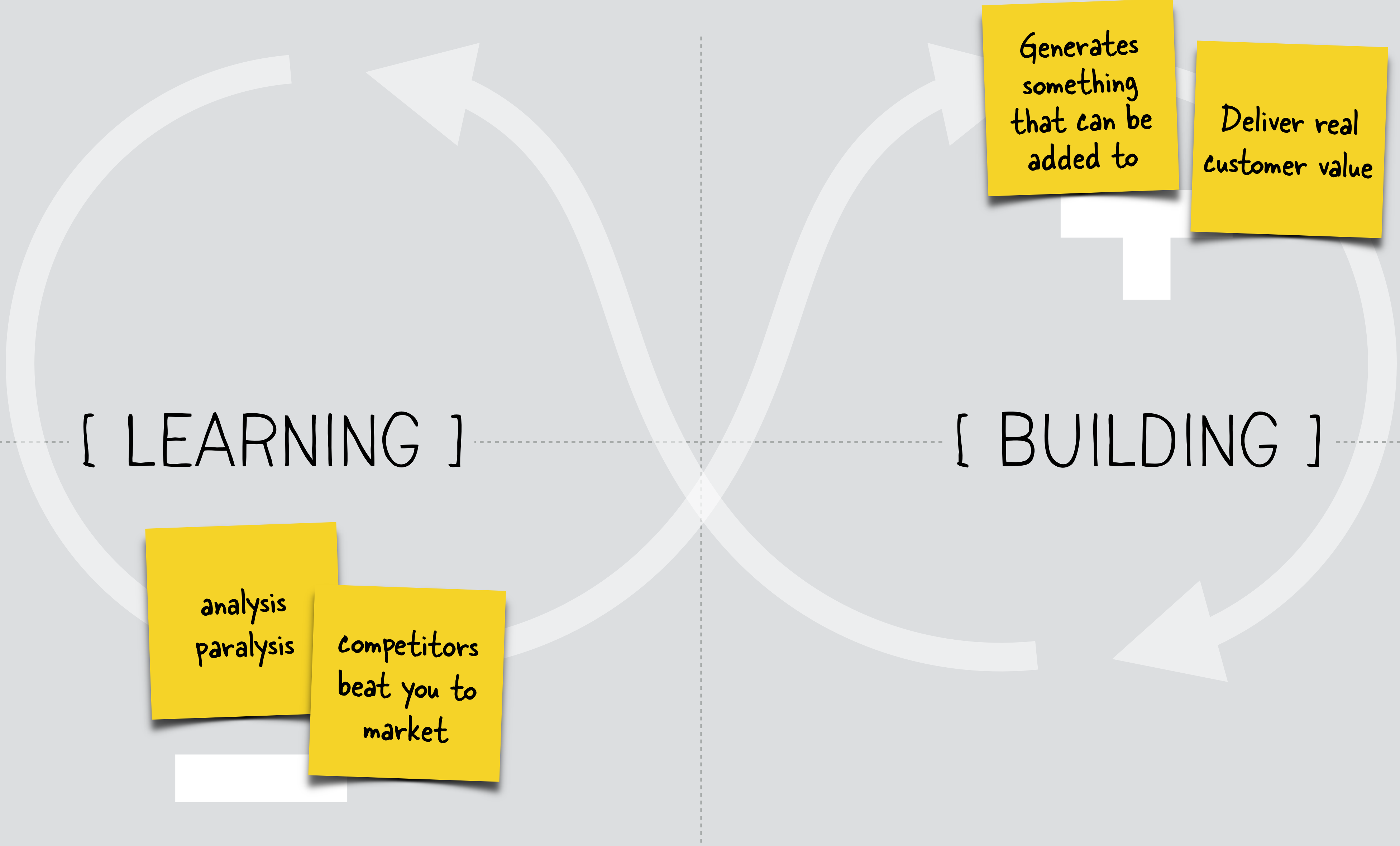
competitors
beat you to
market



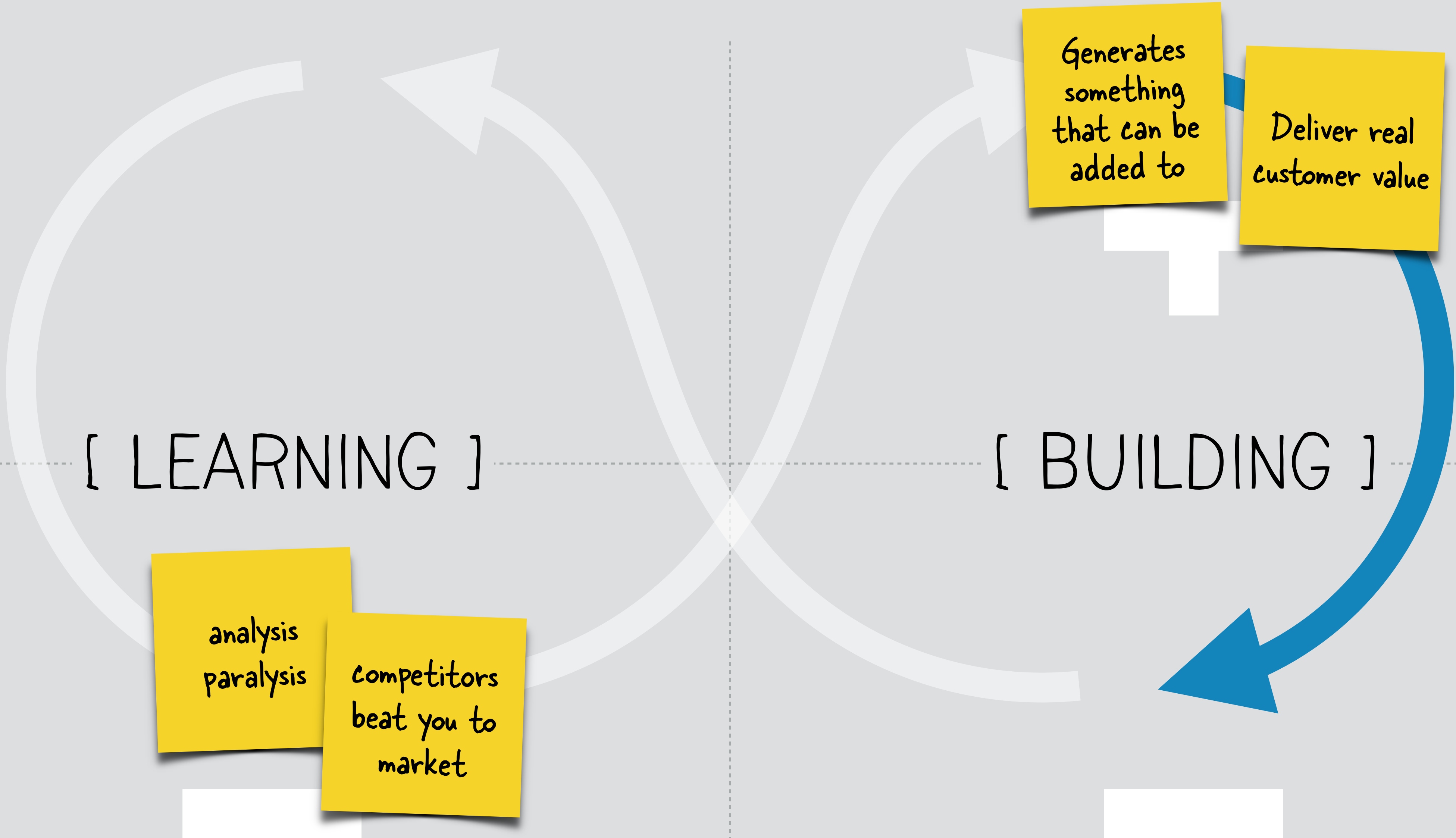
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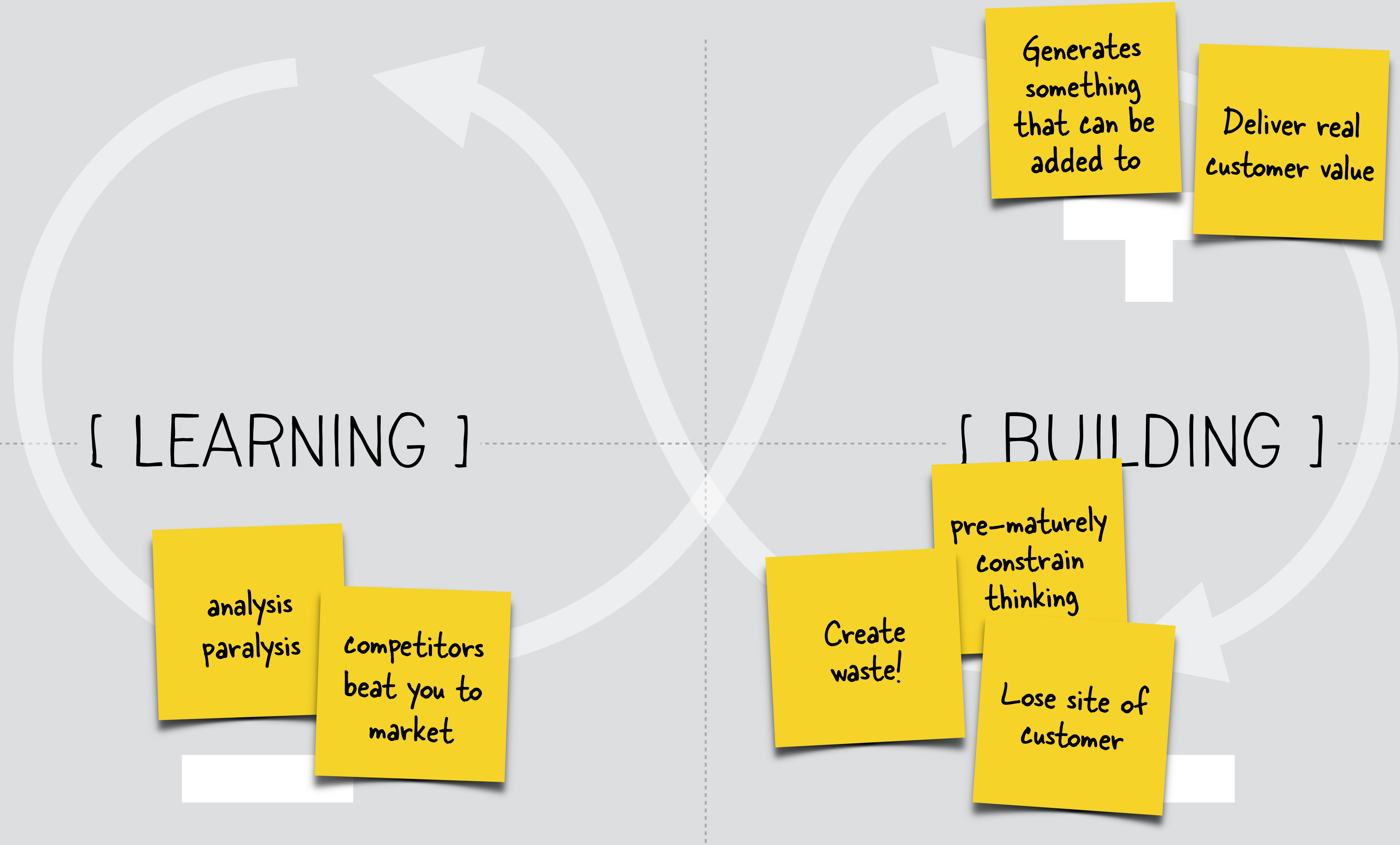
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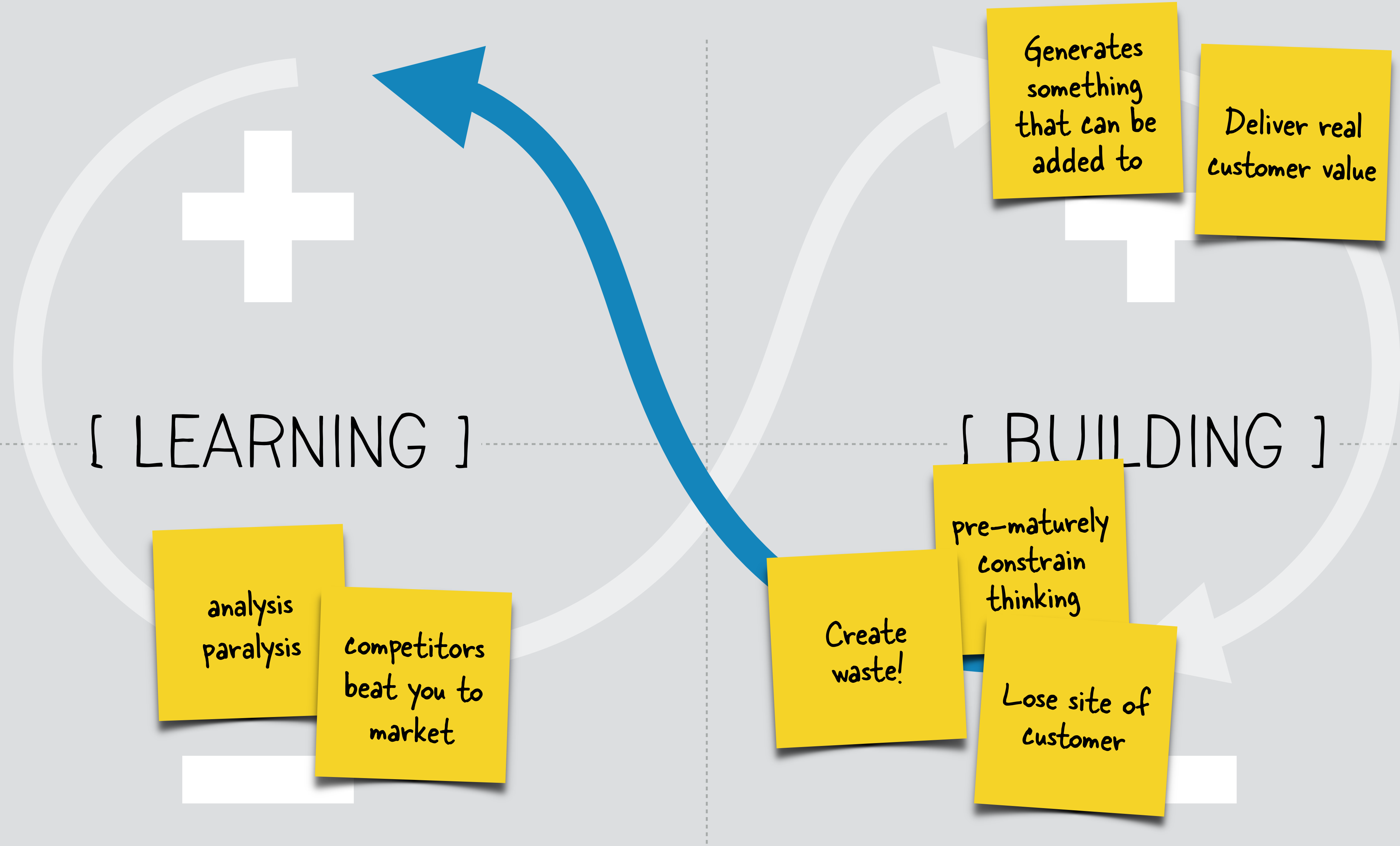
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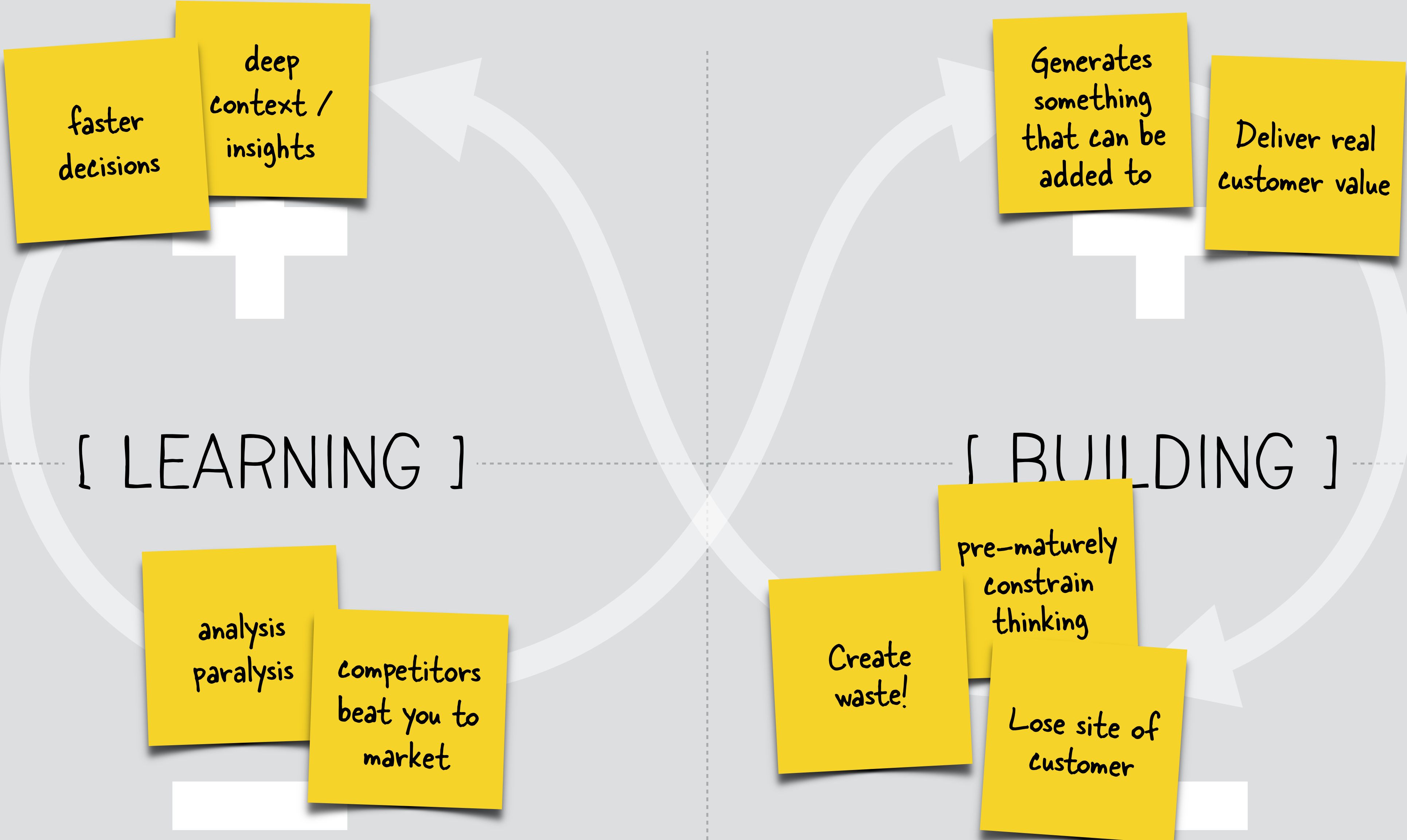
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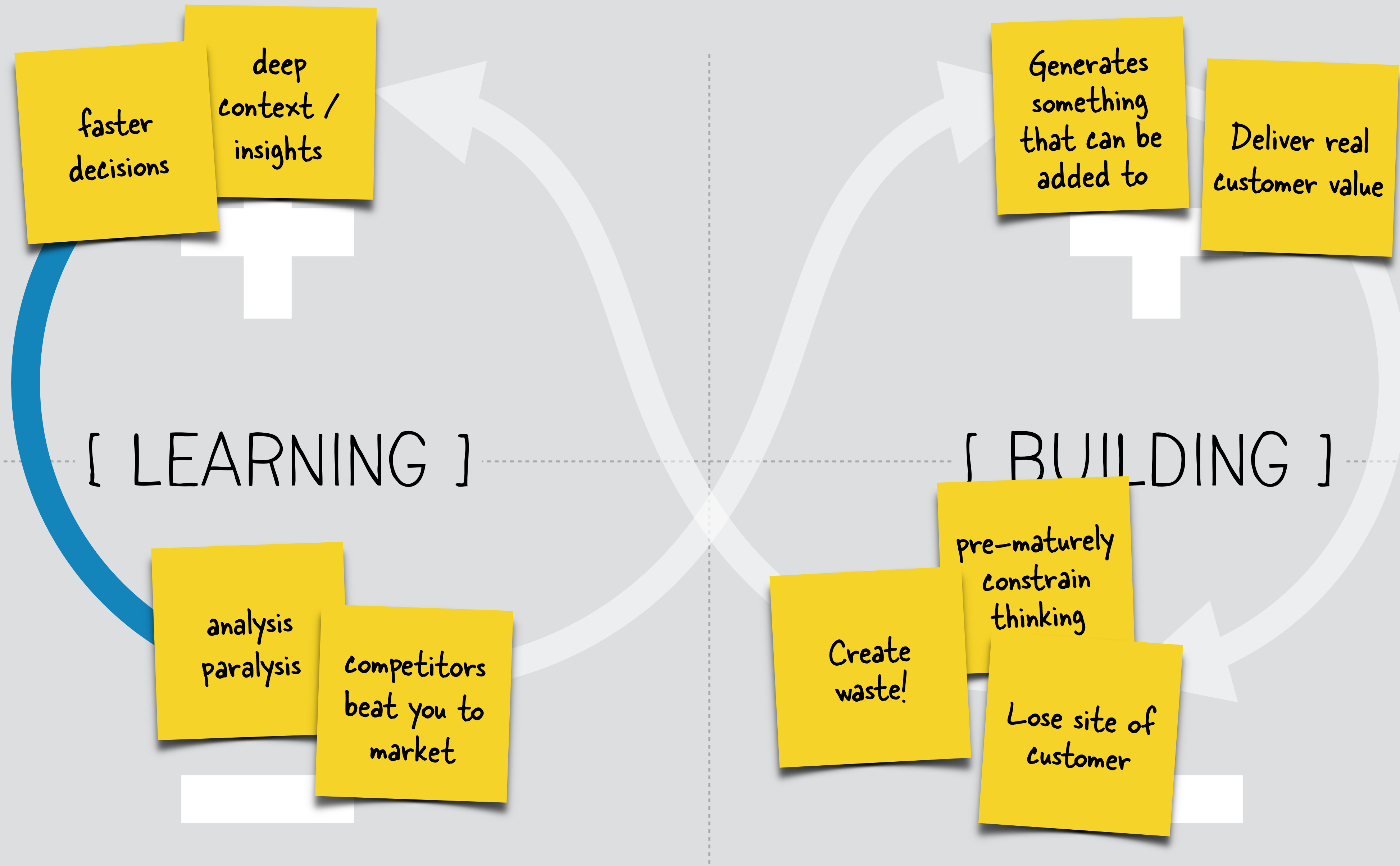
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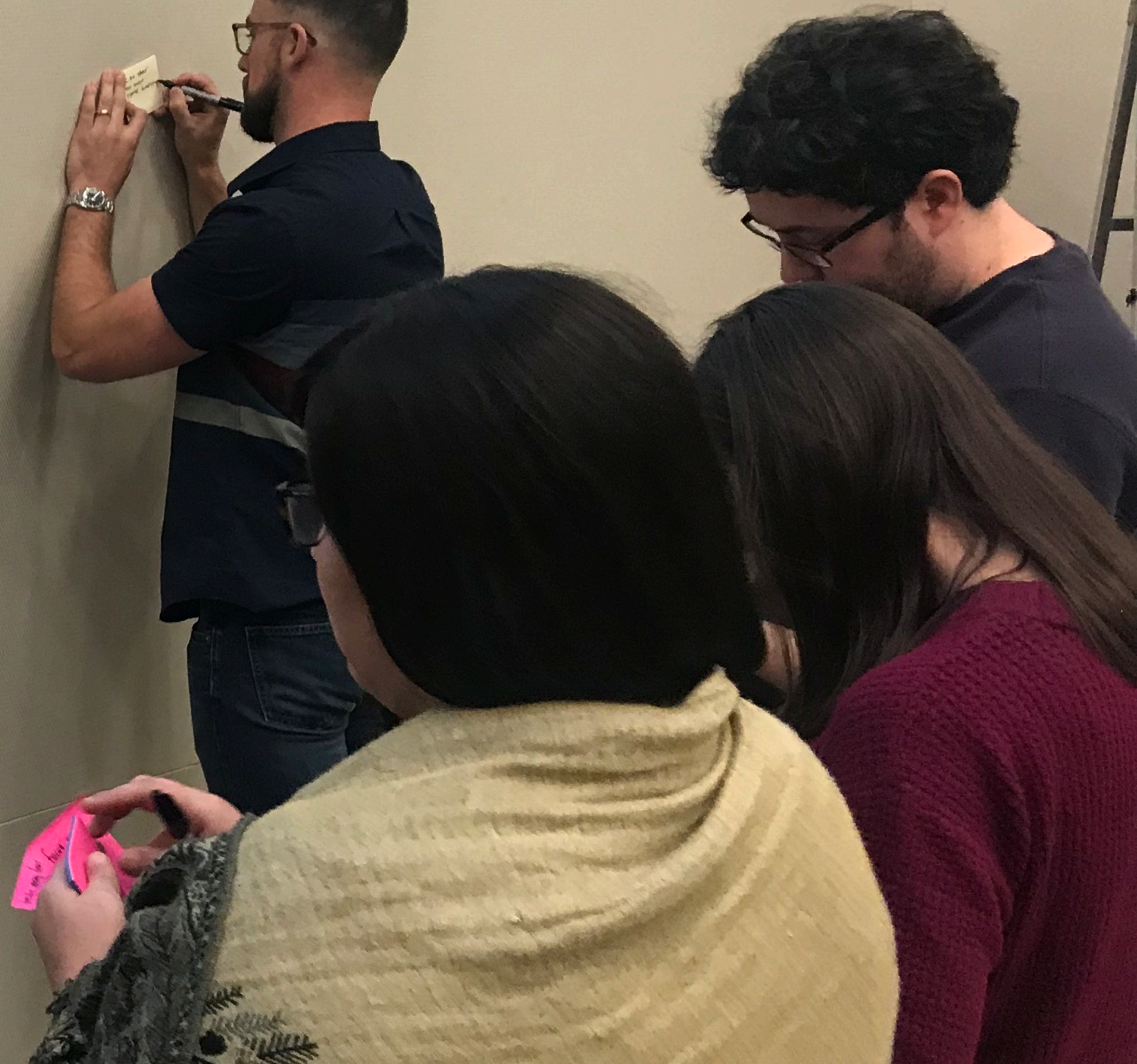
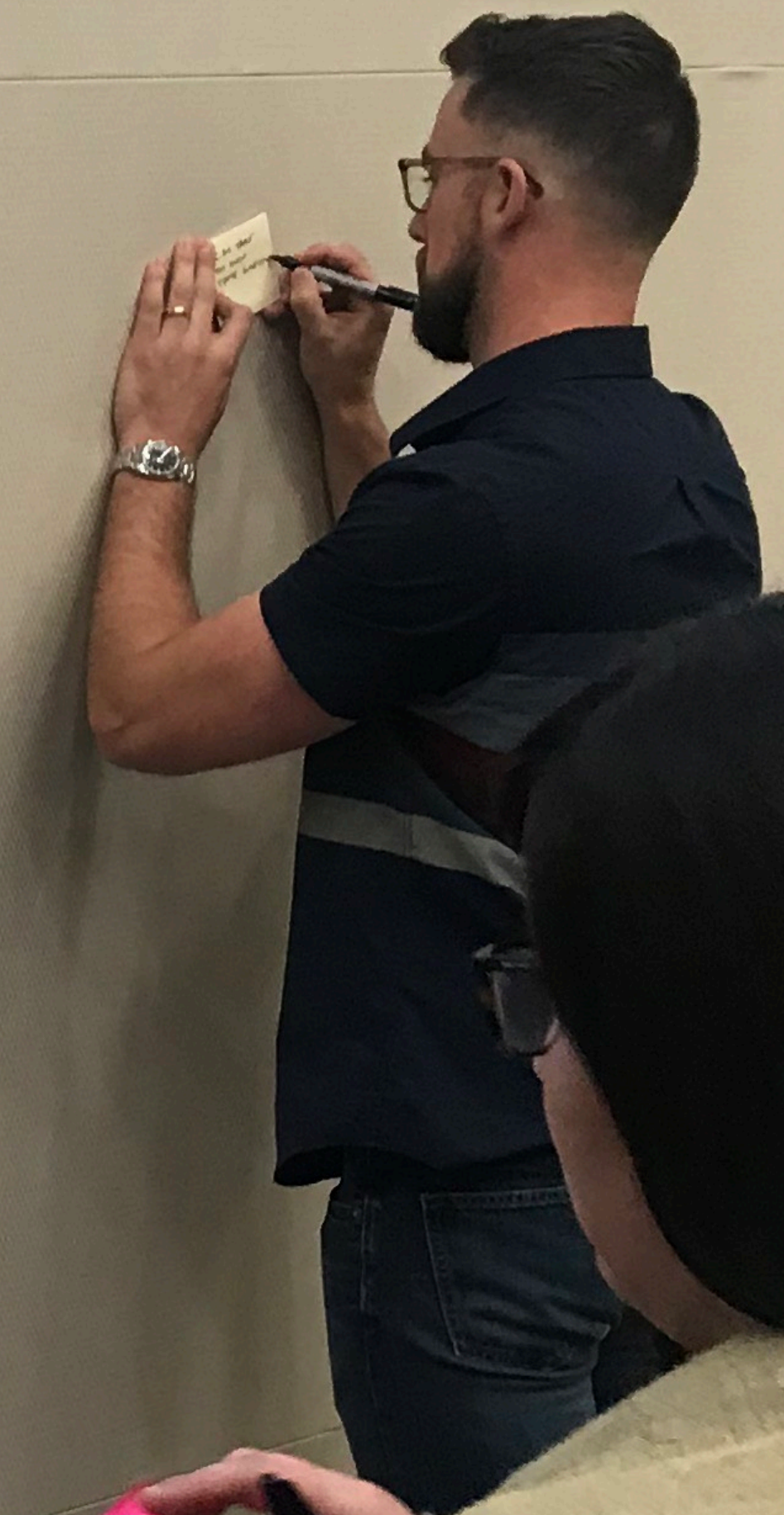
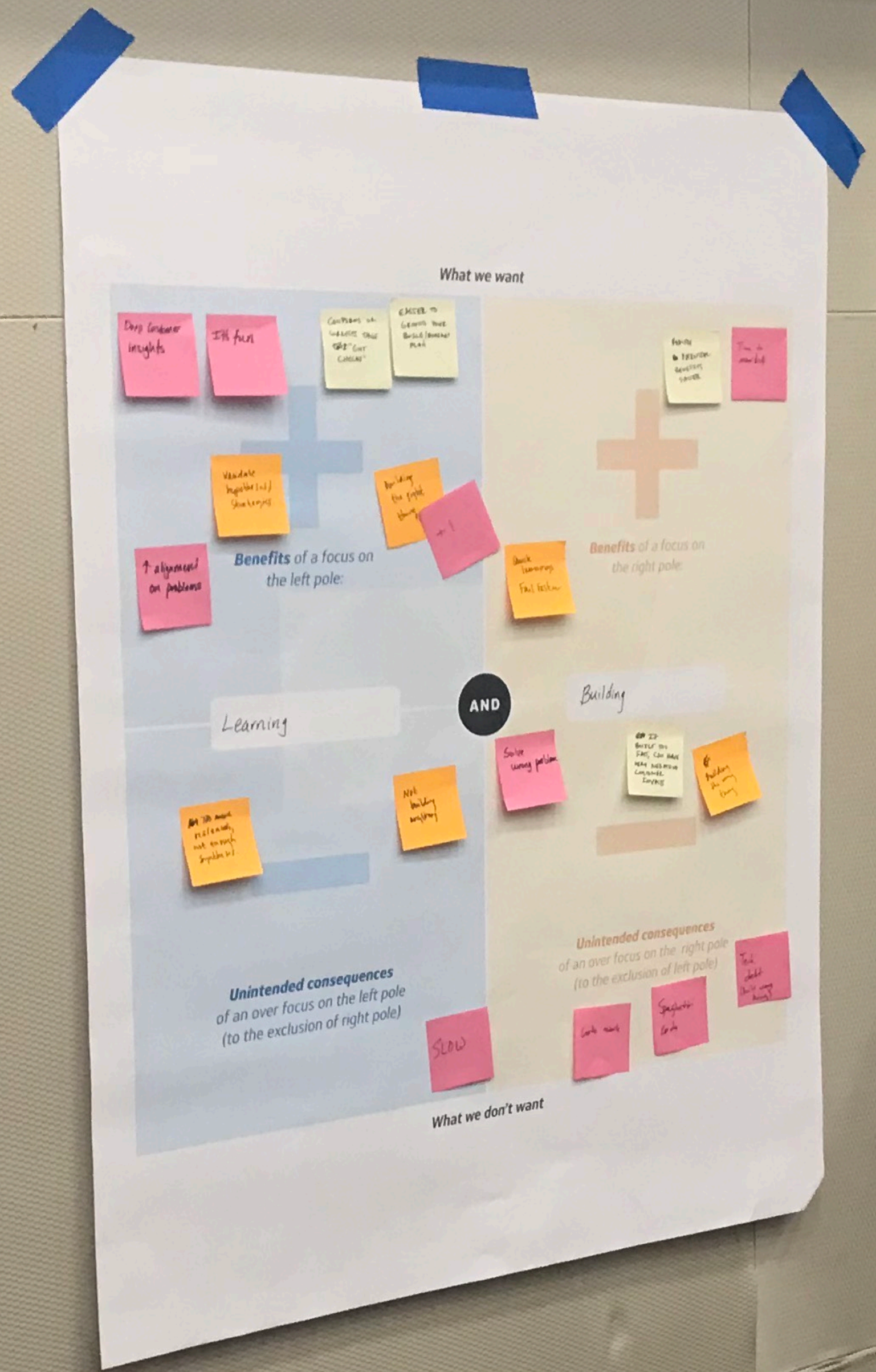


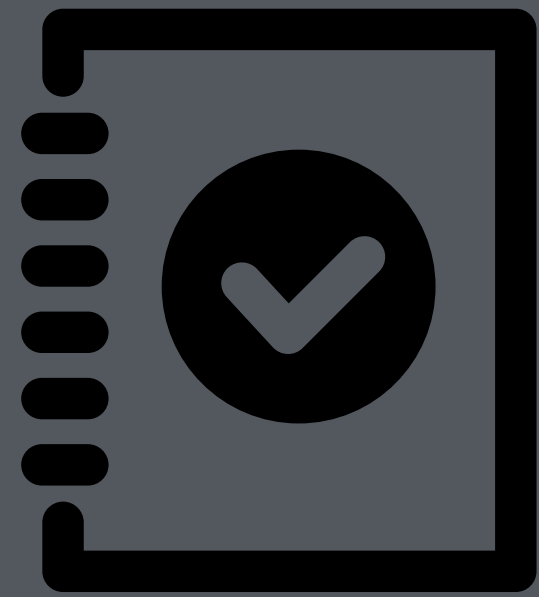
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(in a thoughtful, structured way)
we extend our ability to think about
and discuss complex topics.**

**Mind if I geek
out about cards?**





MIND THE FUTURE

BrandSort

IMPACT

Strategy Cards

BE THE CHANGE
CHOOSE TO BE OPTIMISTIC
HOLD IT TOGETHER
by taking the time to compliment.

RUNNING LEAN

XPLANE
COVERY CARDS

THE TARDY CARDS OF TECH

INFORMATION ARCHITECTURE
LENSES
By Dan Brown

Desi usat ball
Testing ballots for usability

DIRTY RHETORIC

100 GRAYED GOON

LET'S GO

What's your superpower?

SPARKUP
IGNITE THE FUTURE

ANALYTICS CARDS
Exploring Business Insights with Google Analytics™
Jonathan Briggs

The I

The Art of Game Design
A Deck of Lenses
by Jesse Schell

IONAL GAME

Surviving Design Projects
version 2



JUDGMENT

Vulnerability is sexy.
Trust. Connect. Love.

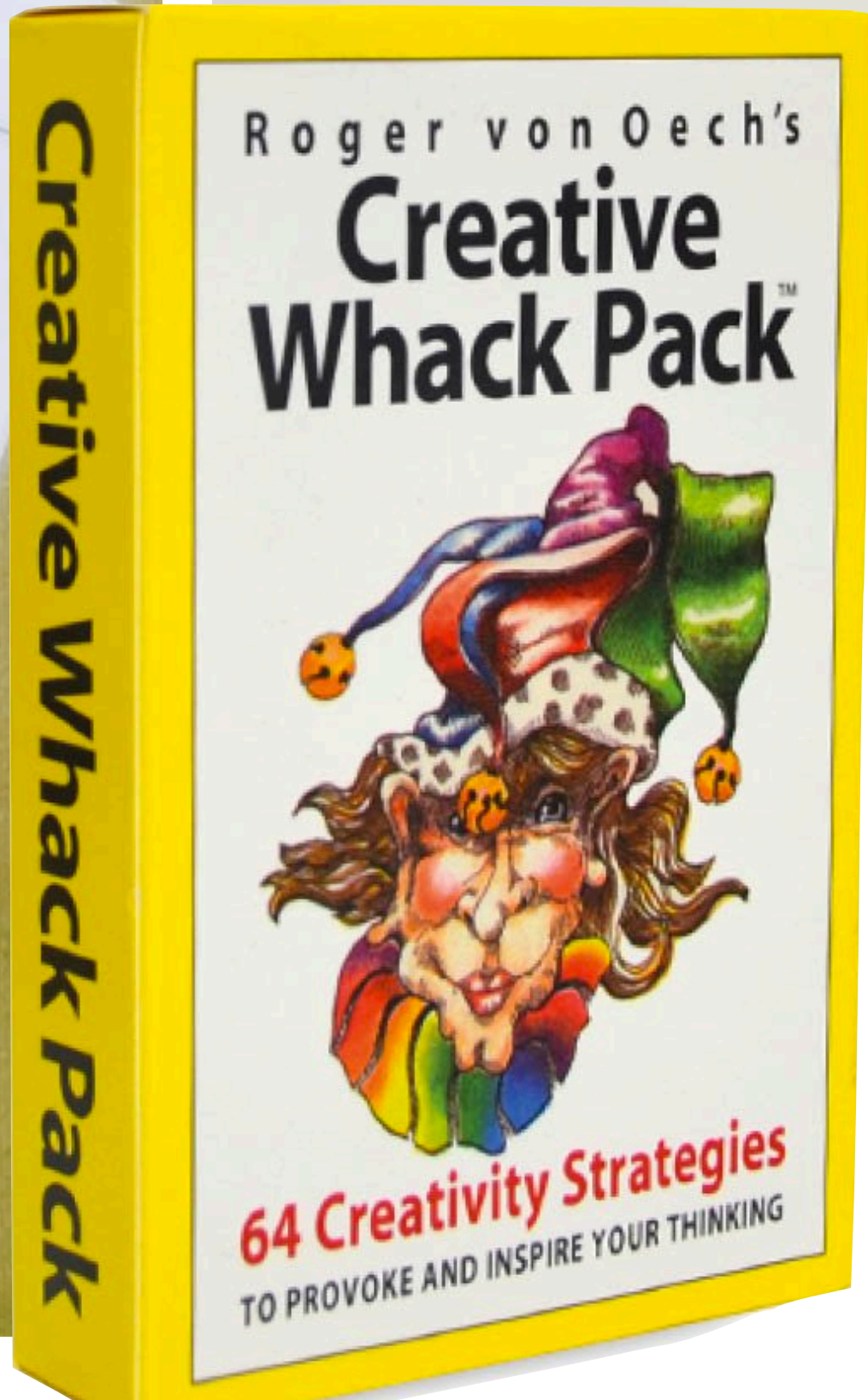
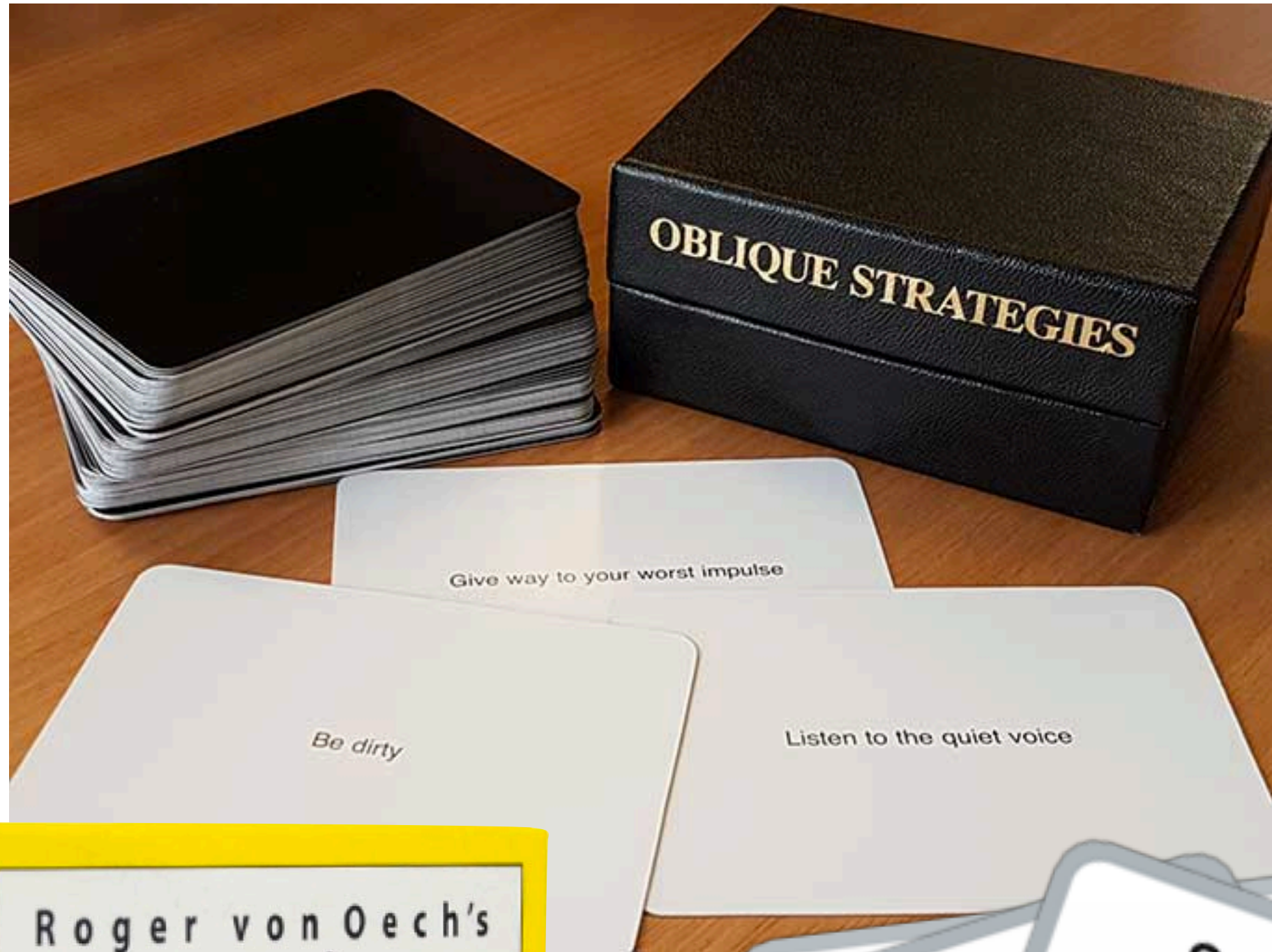
BRAIN FOOD!

Value of (Physical) Cards?

DISCRETE (NON-LINEAR) UNITS OF INFORMATION

CAN BE ORGANIZED IN DIFFERENT WAYS

CAN BE MANIPULATED IN DIFFERENT WAYS

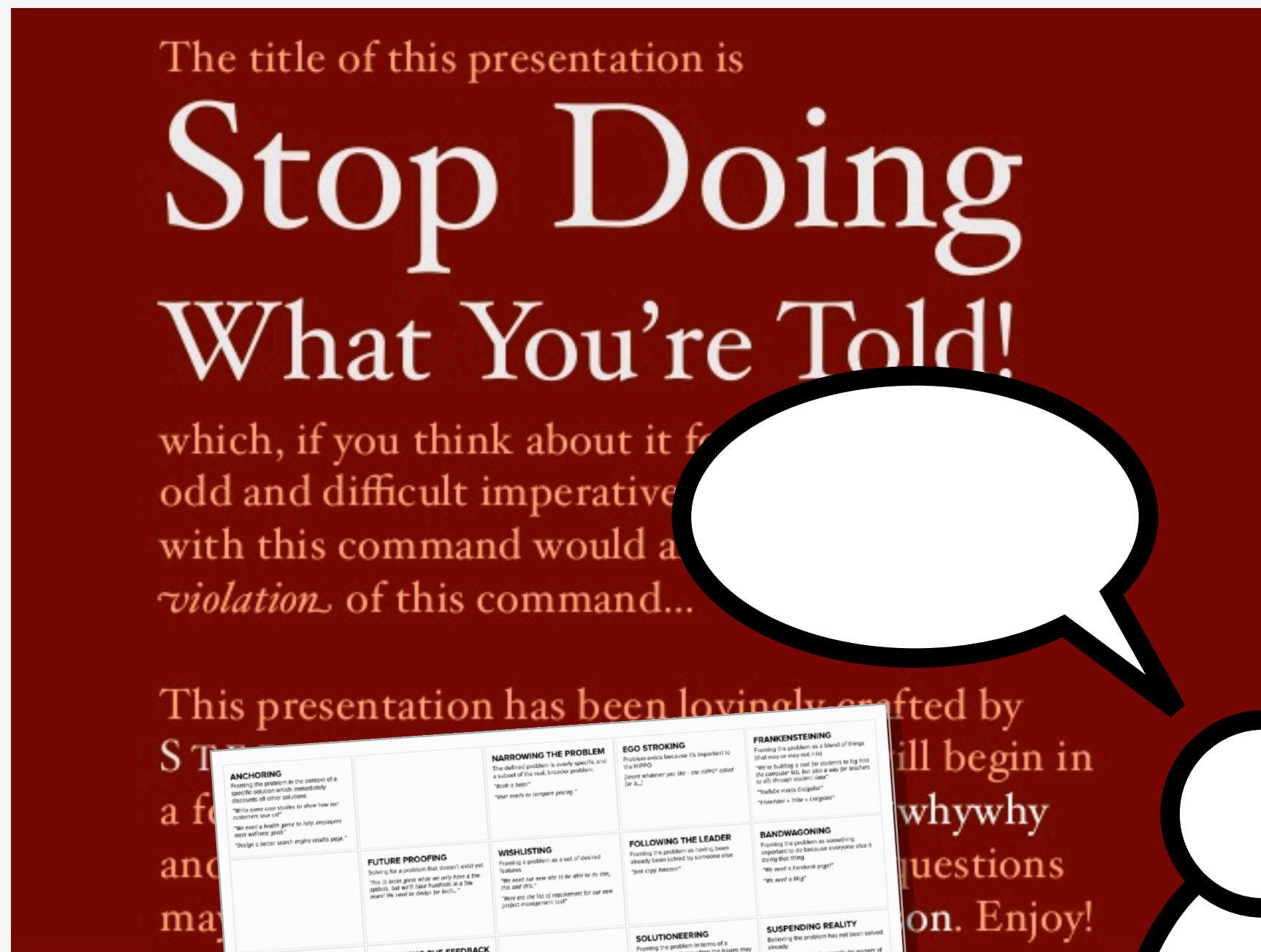


Let's level up...

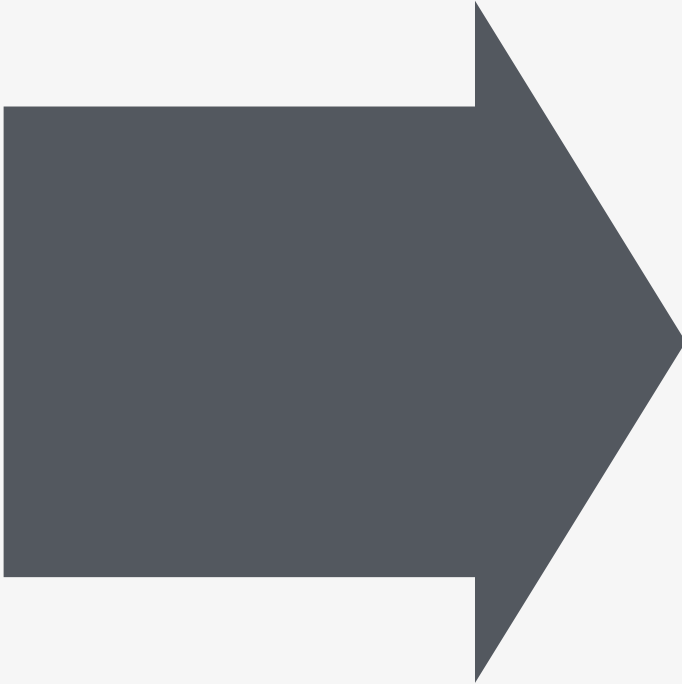
Spotting Bad Problem Statements

(CARD FLIP SUPPORTS 'CHECK YOURSELF')

Talk



ANCHORING Placing the problem in the context of a familiar, well-understood, immediately identifiable problem. "We need a search engine that will help you find what you're looking for." "Design a better search engine results page."	NARROWING THE PROBLEM The problem is overly specific, and a subset of the real, broader problem. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	EGO STROKING Emphasizing the importance of the problem to the speaker. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	FRANKENSTEINING Placing the problem in a context of things that are not related to the problem. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."
FUTURE PROOFING Placing the problem in a context of the future. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	WISHLISTING Placing the problem in a context of a wish list. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	FOLLOWING THE LEADER Placing the problem in a context of a leader. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	BANDWAGONING Placing the problem in a context of a bandwagon. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."
SATISFYING Placing the problem in a context of a satisfying experience. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	AMPLIFYING THE FEEDBACK Placing the problem in a context of feedback. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	SOLUTIONEERING Placing the problem in a context of a solution. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	SUSPENDING REALITY Placing the problem in a context of a suspension of reality. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."
FLAVORING Placing the problem in a context of a flavor. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	HAMSTRINGING Placing the problem in a context of a hamstring. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	OVERLOOKING THE OBVIOUS Placing the problem in a context of overlooking the obvious. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	TREATING A SYMPTOM Placing the problem in a context of treating a symptom. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."
BOILING THE OCEAN Placing the problem in a context of boiling the ocean. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	PACIFYING (INSERT NAME OR ROLE) Placing the problem in a context of pacifying. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	BUZZWORDING Placing the problem in a context of buzzwording. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."	BEING PRESUMPTUOUS Placing the problem in a context of being presumptuous. "We need a search engine that will help you find what you're looking for." "We need a search engine that will help you find what you're looking for."



Card Deck

...plus a Bingo Sheet!

EVERY CARD HAS TWO SIDES:

SIDE A: AN
EXAMPLE BAD
PROBLEM
STATEMENT



"This UI looks great while we only have a few options, but we'll have hundreds in a few years! We need to design for both scenarios..."

BAD PROBLEM STATEMENTS ARE EXAMPLES OF...
Narrowing the Problem
A narrowed problem is overly specific subset of the real, broader problem.



BAD PROBLEM STATEMENTS ARE EXAMPLES OF...
Anchoring
An anchored problem is defined in the context of a specific solution which immediately rules out all other solutions.



SIDE B: BAD PROBLEM STATEMENT DEFINITION






“This UI looks great while we only have a few options, but we’ll have hundreds in a few years! We need to design for both scenarios...”

THESE **BAD** PROBLEM STATEMENTS ARE EXAMPLES OF...

Narrowing the Problem


defined problem is overly specific and a subset of the real, broader problem.



THESE **BAD** PROBLEM STATEMENTS ARE EXAMPLES OF...

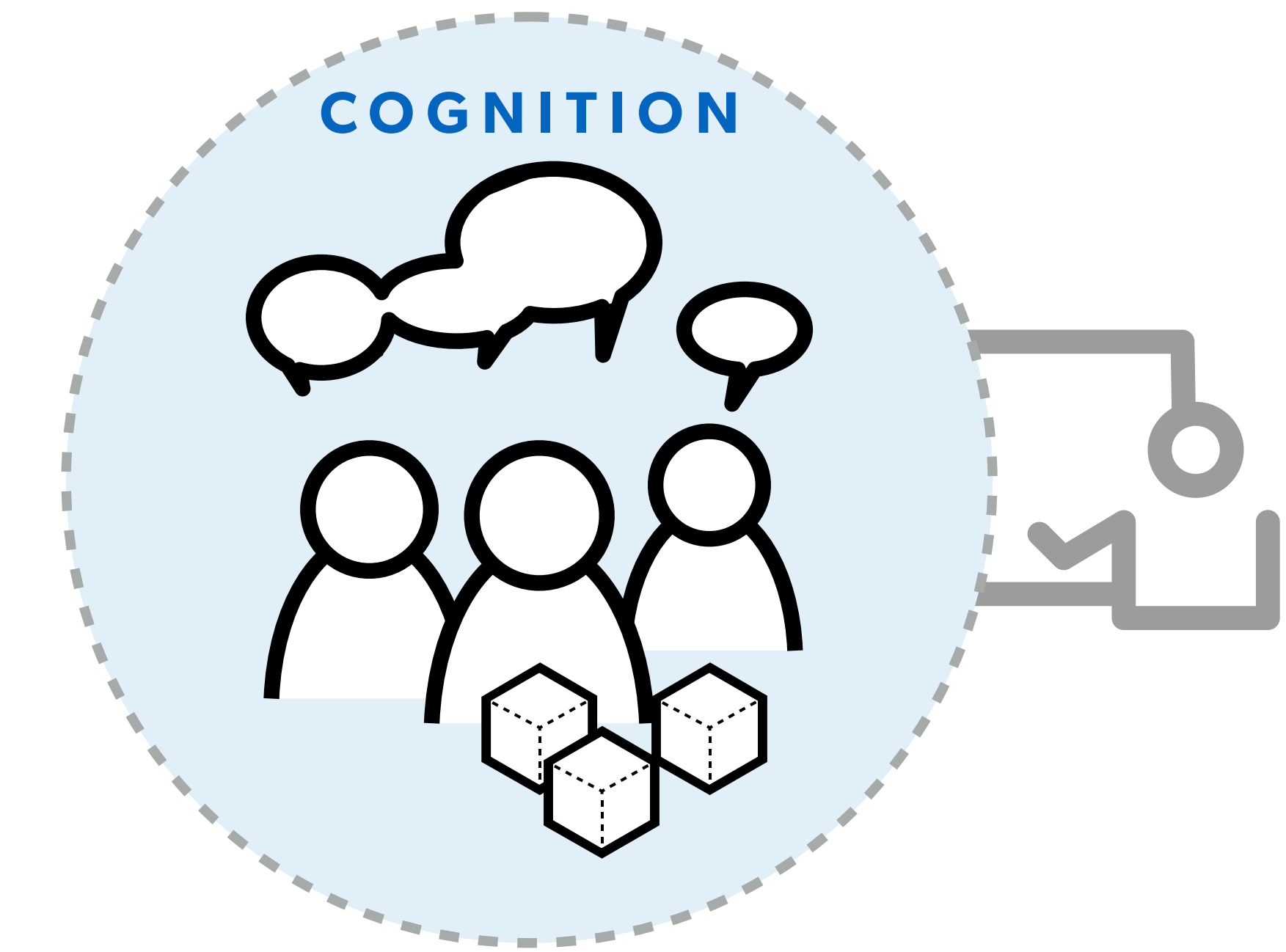
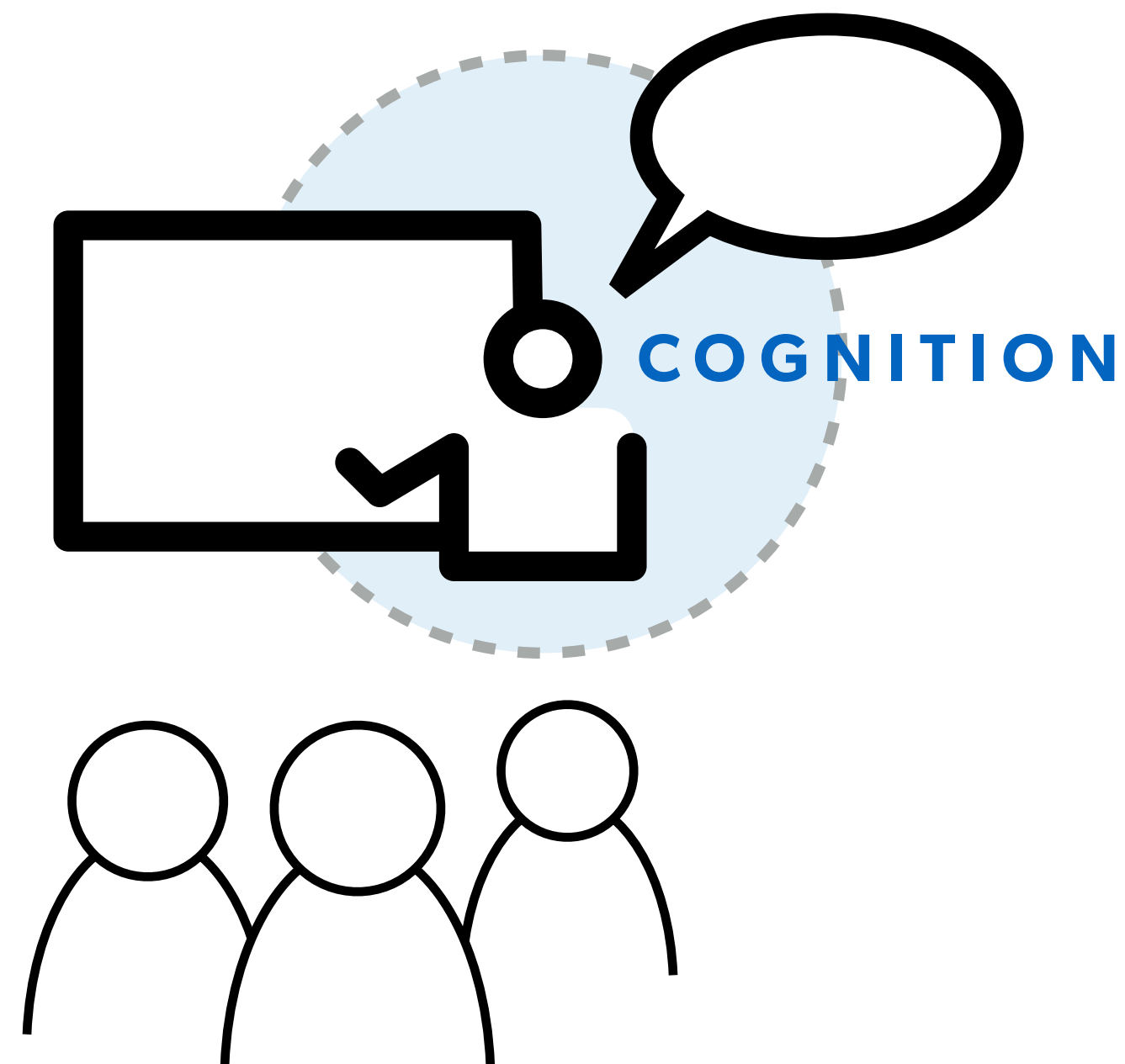
Anchoring

framing the problem in the context of specific solution which immediately discounts all other solutions

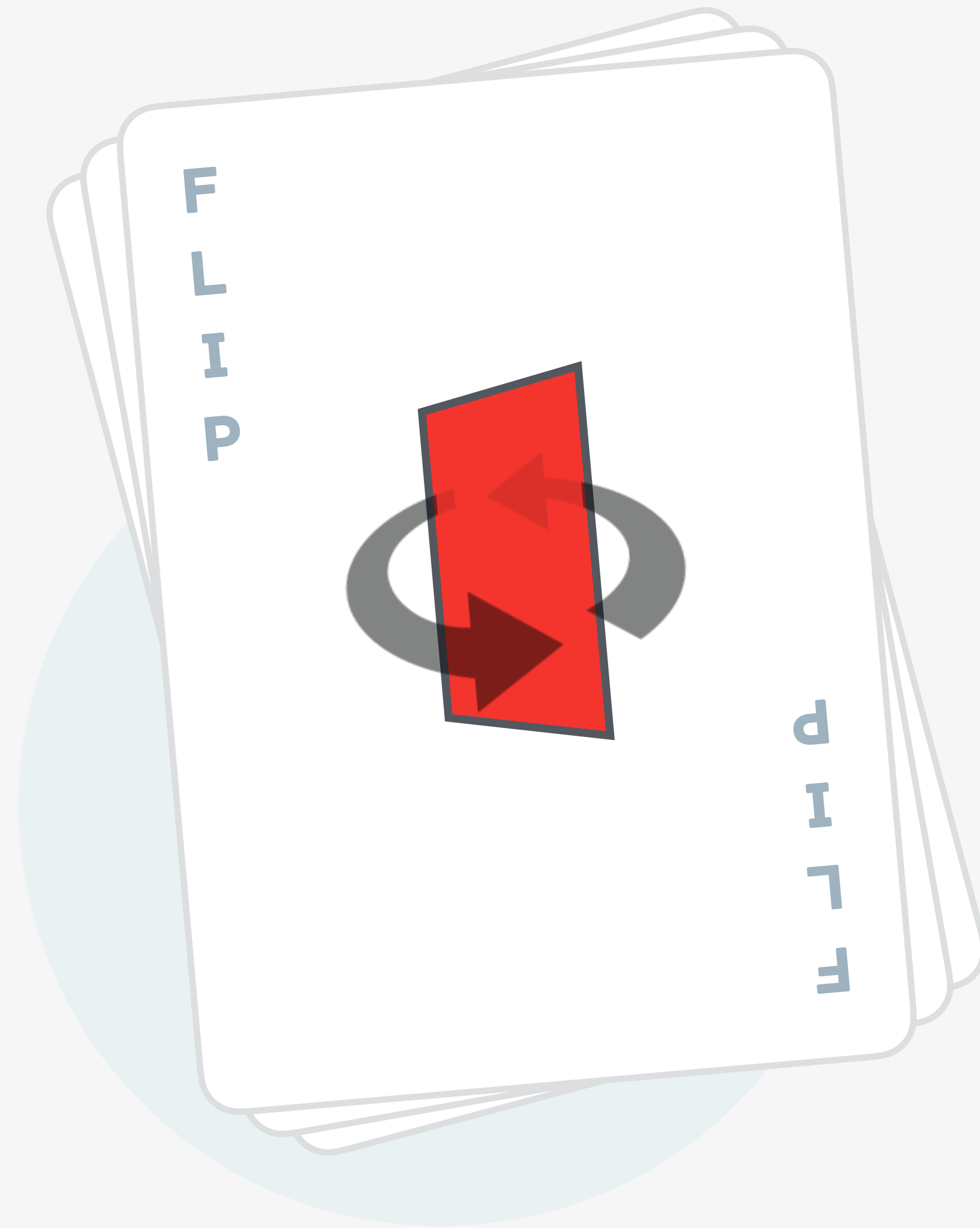


THE REAL TAKEAWAY:

From Passive Learning...



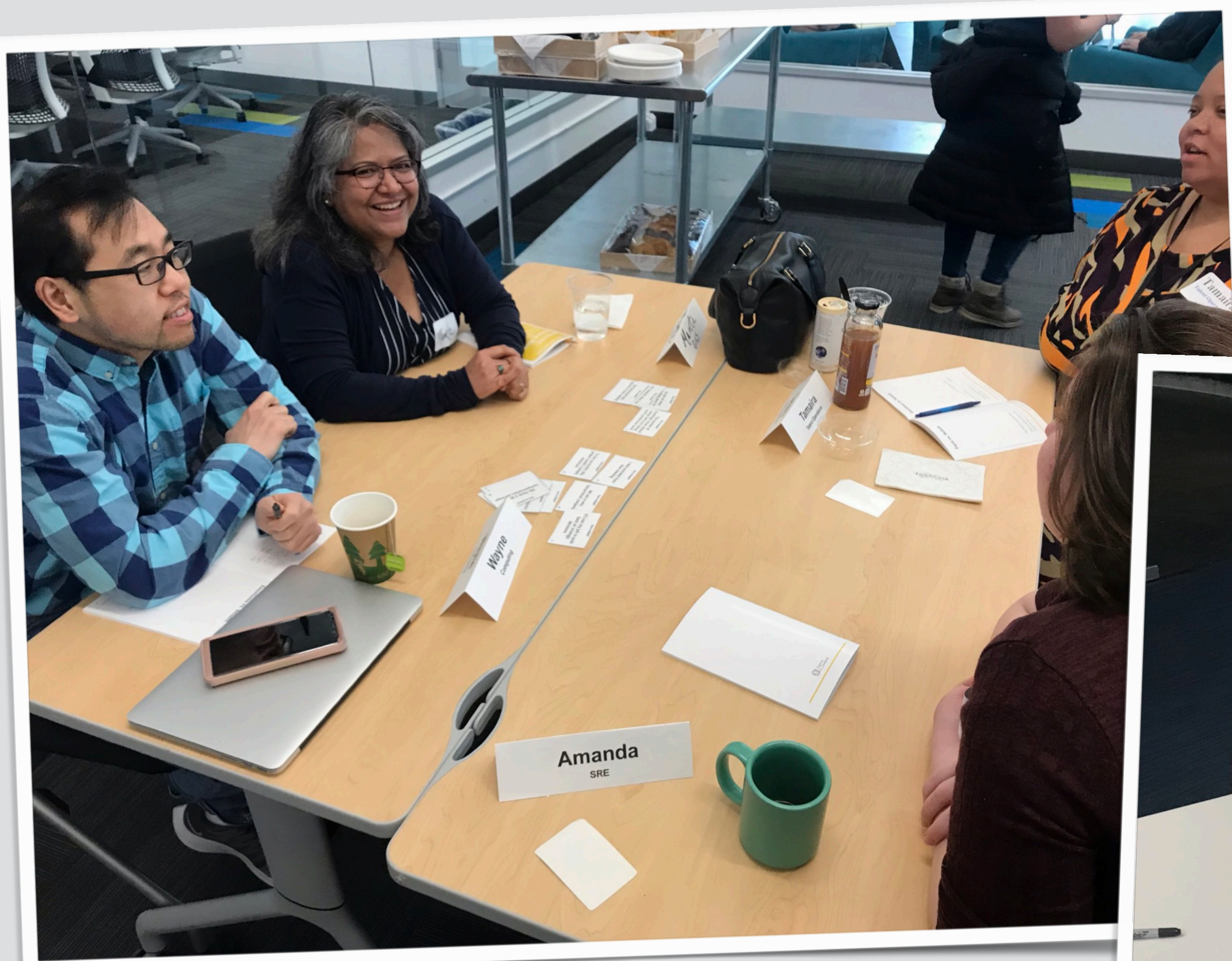
...To Active Learning



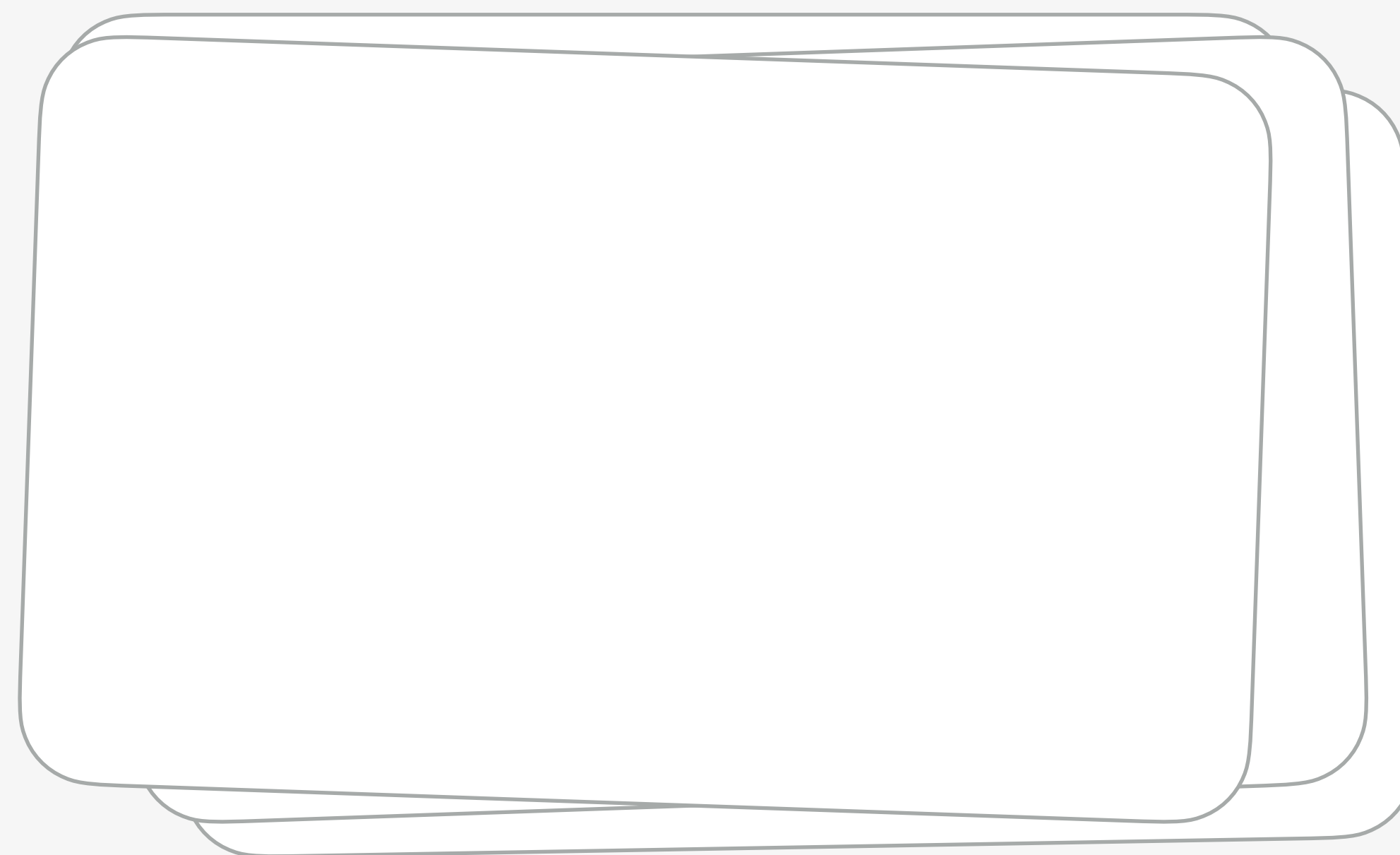
PATTERN / 'FLIP'

Distinguishing Between Facts and Beliefs

(SORTING SPURS DIALOGUE)



Fact or Belief?



Fact or Belief?



STEPHEN USED
SLIDES IN HIS TALK

Fact or Belief?

STEPHEN GAVE
THE WORST TALK
EVER AT TORCHI!

STEPHEN USED
SLIDES IN HIS TALK

Fact or Belief?

STEPHEN USED
SLIDES IN HIS TALK

STEPHEN GAVE
THE WORST TALK
EVER AT TORCHI!

Fact or Belief?




TO BE SUCCESSFUL,
THIS PROJECT NEEDS
3 PEOPLE, MINIMUM

Fact or Belief?



I WAS EXCLUDED
FROM THAT MEETING

Fact or Belief?



OUR RESEARCH
DOES NOT SUPPORT
THIS DECISION

Fact or Belief?

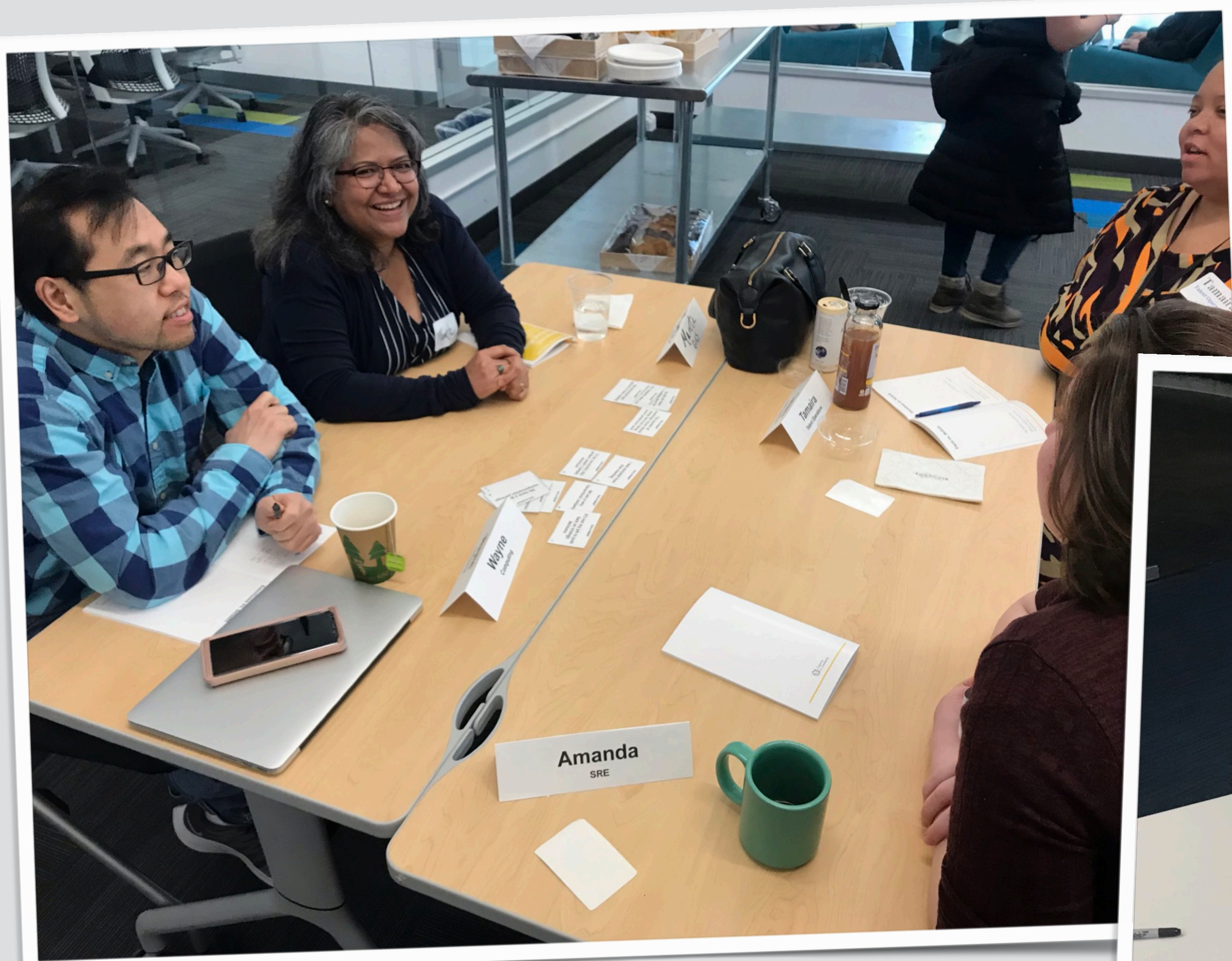


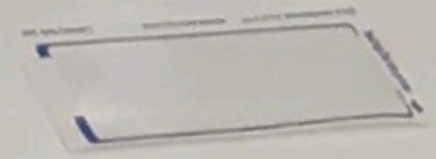
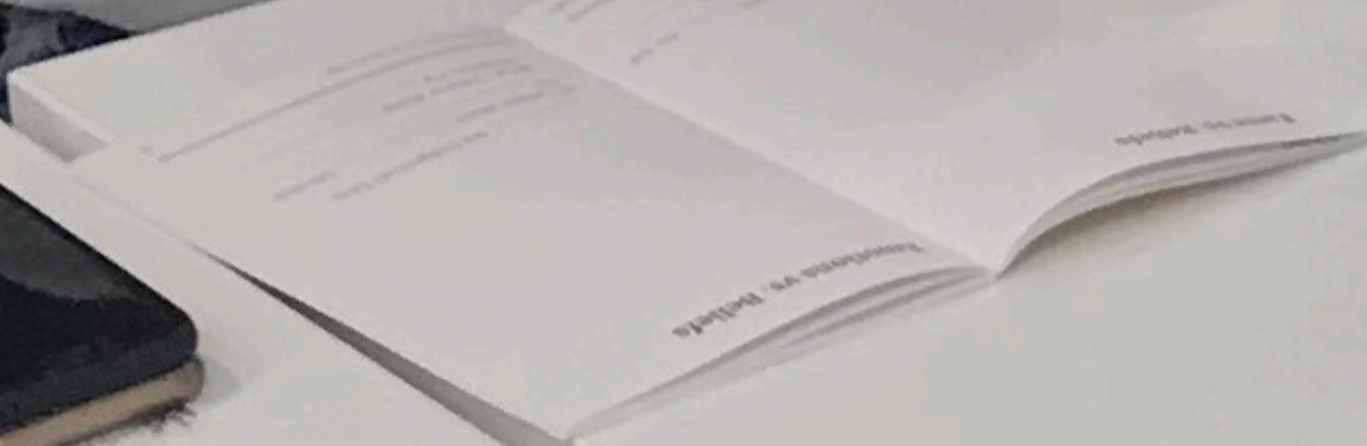
THE NEW LEADER
DOES NOT SUPPORT
THIS INITIATIVE

Fact or Belief?



THIS CULTURE IS
RESISTANT TO CHANGE





BRUIEF

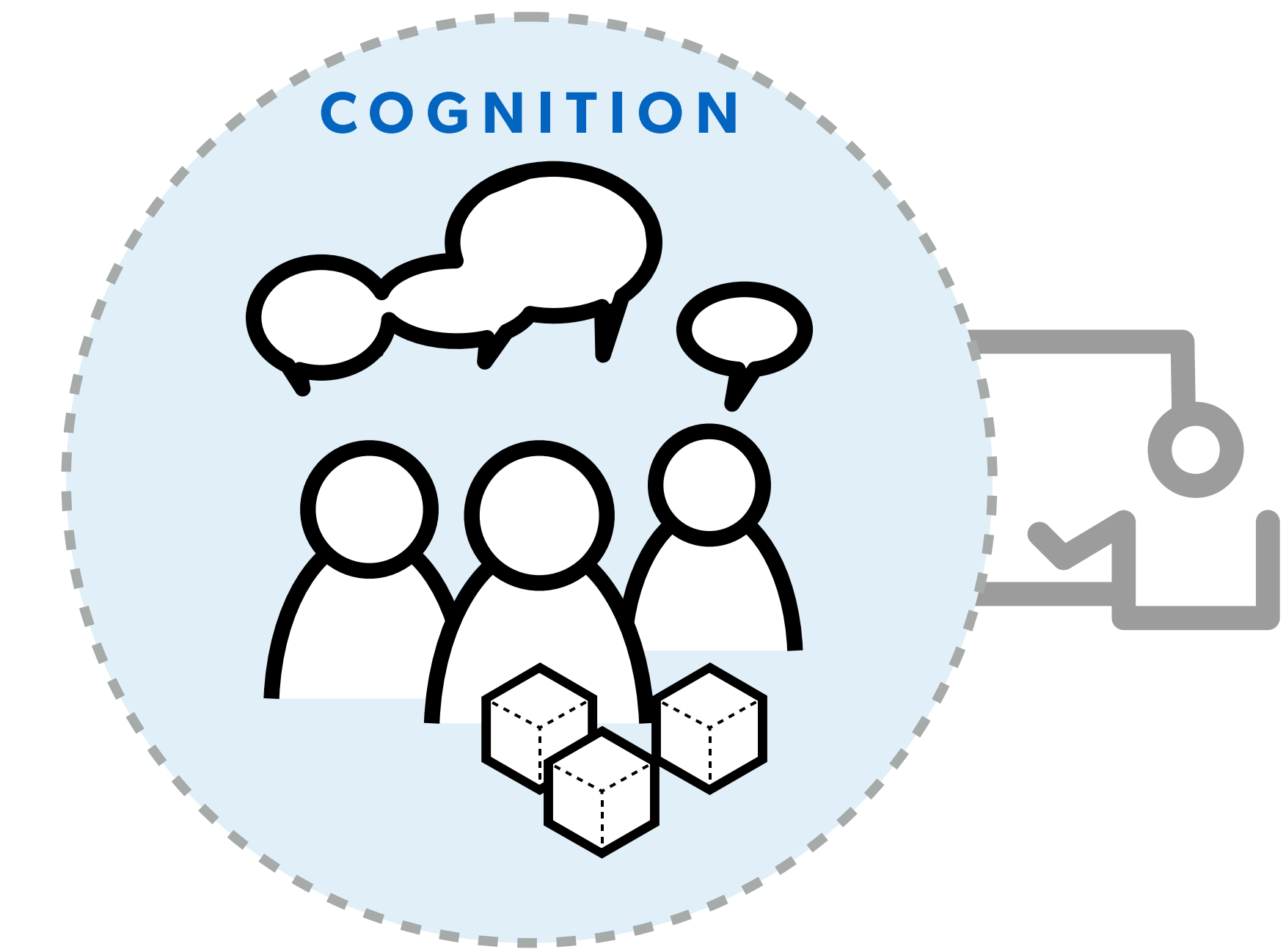
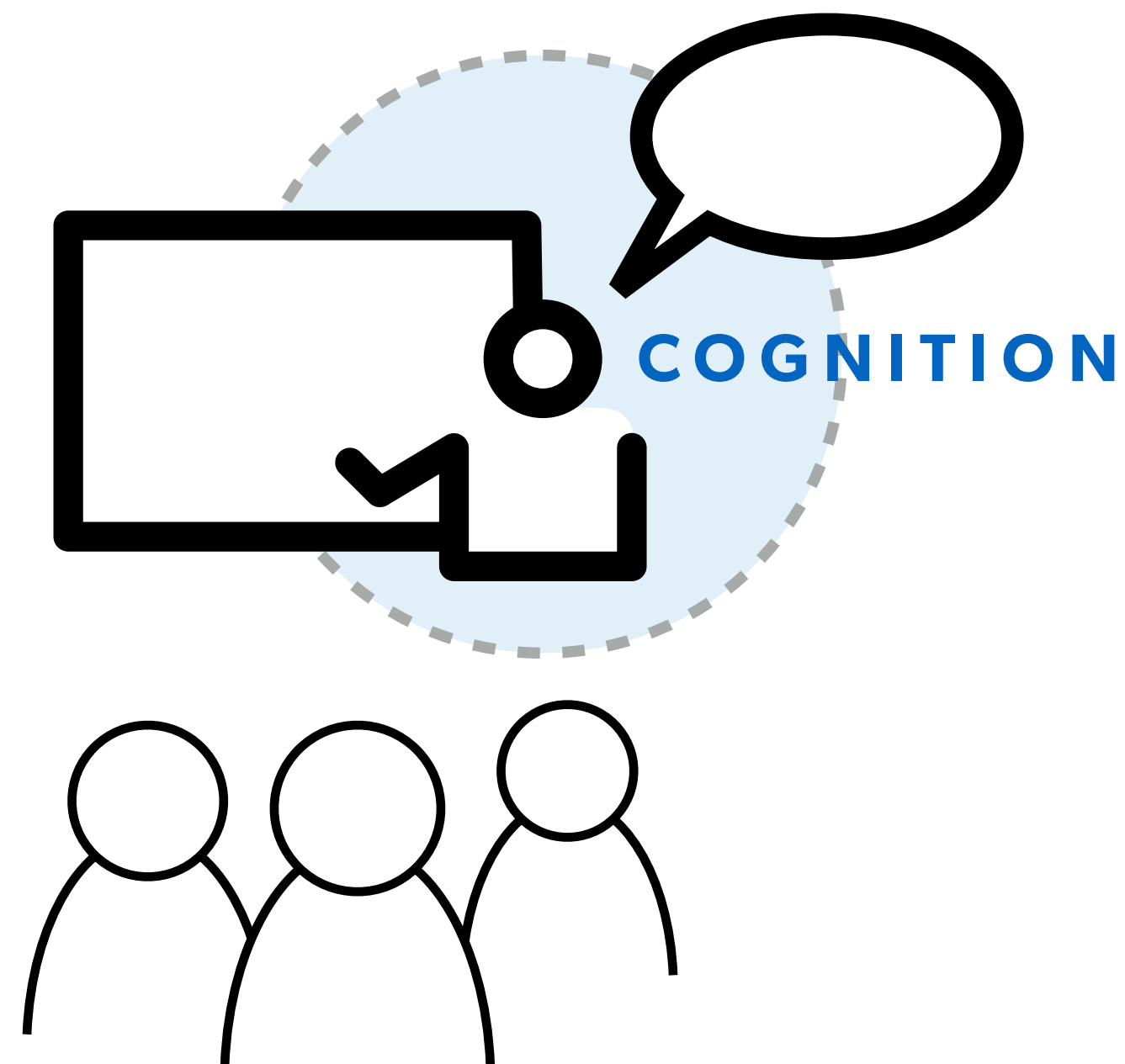
NEUWT

FACT

- Fact of leader? He did not share anything about the leadership onsite.
- Fact of leader? I was excluded from that meeting.
- Fact of leader? Our research does not support this decision.
- Fact of leader? The new leader does not support this initiative.
- Fact of leader? The number of meetings from doing more production work must attend keeps me.
- Fact of leader? To be successful, his project needs 3 people minimum.
- Fact of leader? He has a very successful company.
- Fact of leader? The leader is coming to change things.
- Fact of leader? I don't have ability to make a party or decisions.
- Fact of leader? I want my job to just get on range.
- Fact of leader? There is no way to put this to rest.
- Fact of leader? I don't have ability to make a party or decisions.
- Fact of leader? I want my job to just get on range.
- Fact of leader? The leader is coming to change things.
- Fact of leader? He has a very successful company.
- Fact of leader? The number of meetings from doing more production work must attend keeps me.
- Fact of leader? To be successful, his project needs 3 people minimum.
- Fact of leader? He has a post compensation package.
- Fact of leader? I want my job to just get on range.
- Fact of leader? I don't have ability to make a party or decisions.
- Fact of leader? There is no way to put this to rest.

THE REAL TAKEAWAY:

From Passive Learning...



...To Active Learning



STACK A



STACK B

PATTERN / 'FORCED SORTING'

The Thing from the Future

(COMBINATORIAL CREATIVITY
SUPPORTS IDEA GENERATION)





IREN

THE THING FROM THE FUTURE

THE THING FROM THE FUTURE
CONCEPT
PROBLEM
SOLUTION
BIRTH
GROW
DEATH

TULLY'S COFFEE

change
CONCEPT
PROBLEM
SOLUTION
BIRTH
GROW
DEATH

CONCEPT
PROBLEM
SOLUTION
BIRTH
GROW
DEATH

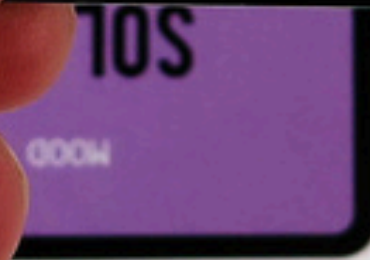
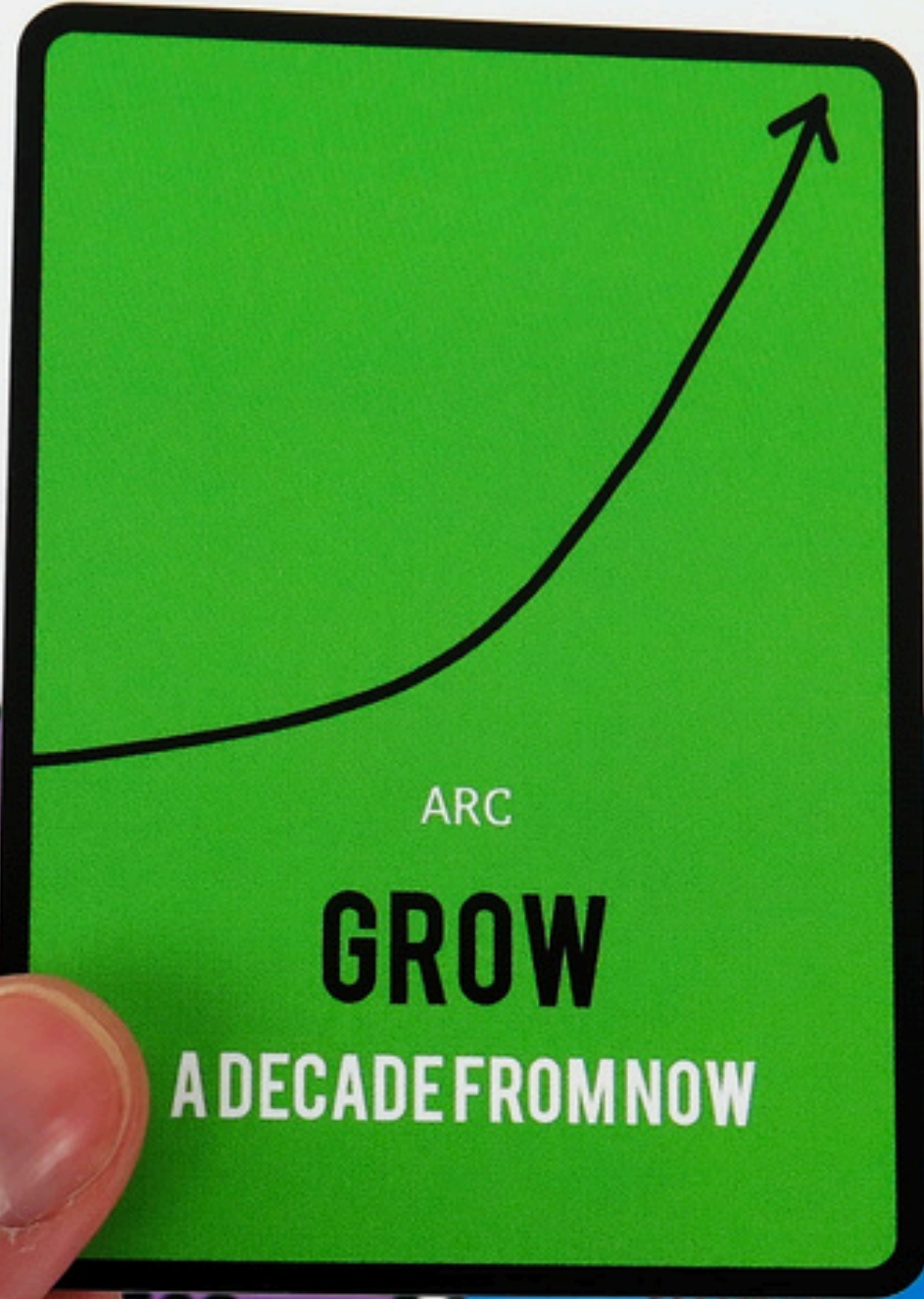
CONCEPT
PROBLEM
SOLUTION
BIRTH
GROW
DEATH
PASTE!
CONCEPT
PROBLEM
SOLUTION
BIRTH
GROW
DEATH

00:47:00

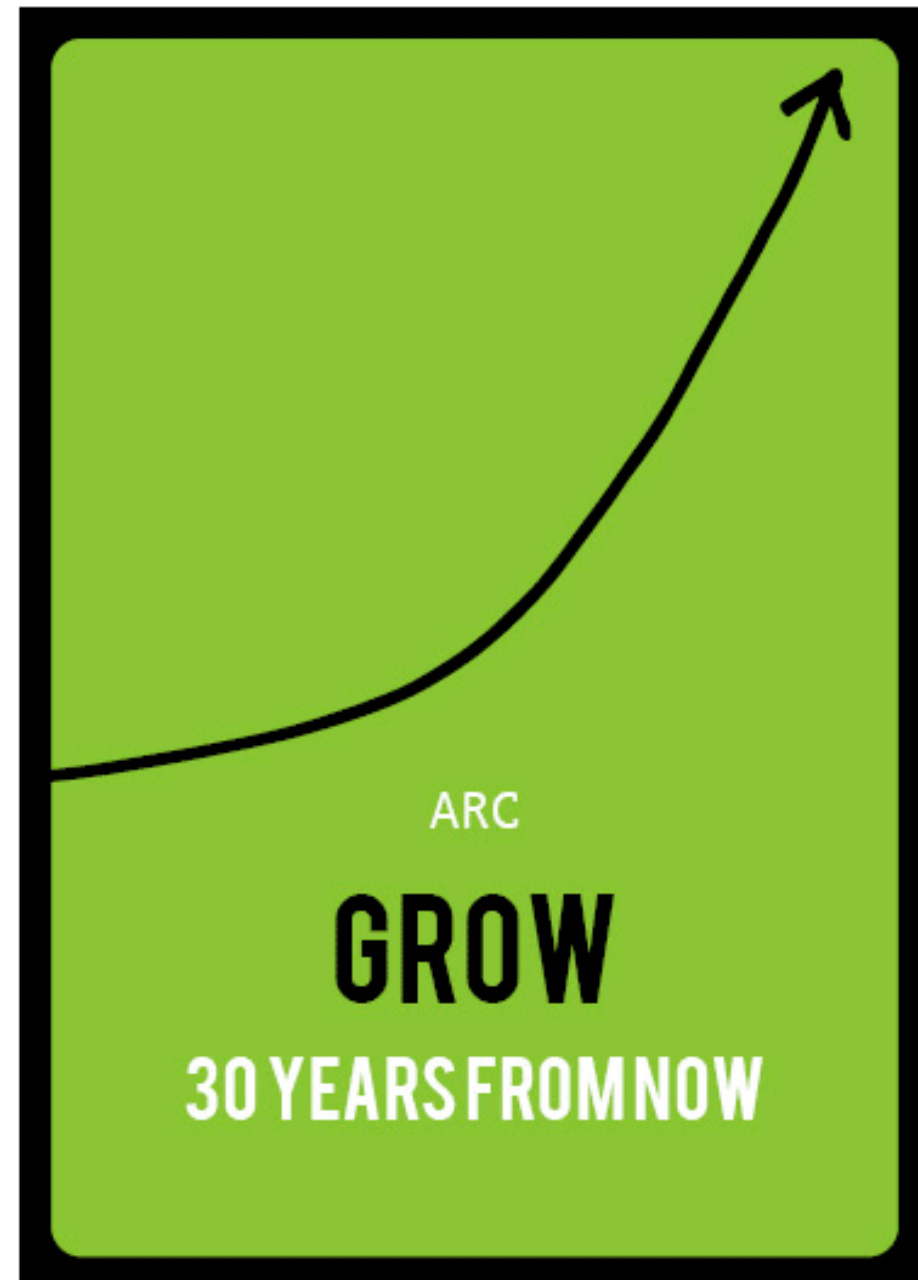
THE THING FROM THE FUTURE

THE THING FROM THE FUTURE

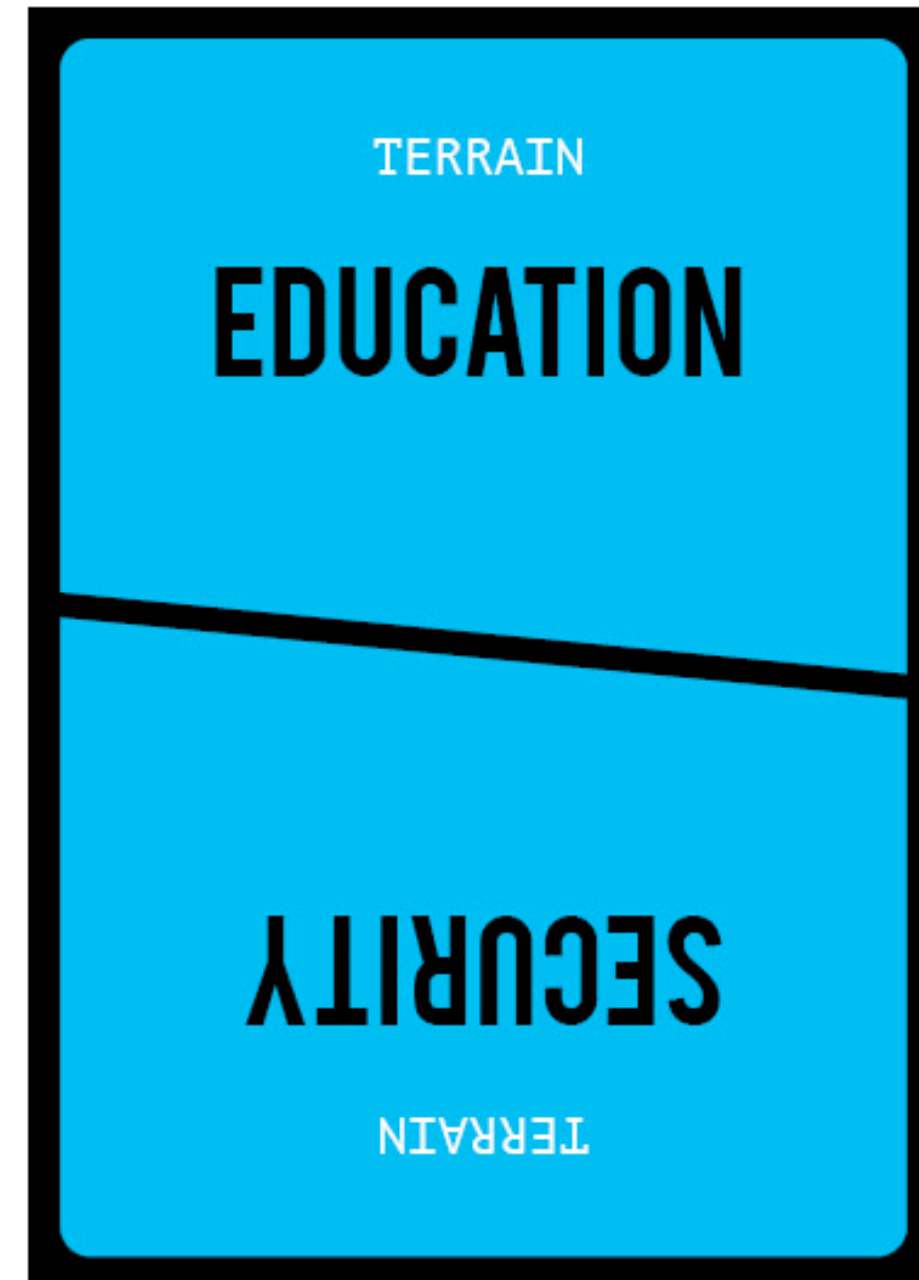




A PRE-DEFINED SET OF CONSTRAINTS
USED TO CHANNEL BRAINSTORMING ABOUT
OBJECTS FROM POSSIBLE FUTURES:



ARC cards broadly describe different kinds of possible futures. The main (top) text of each Arc card specifies one of four generic images of alternative futures. The bottom text on each Arc card describes the “time horizon” — the distance into the future that players must project their imaginations.



TERRAIN cards describe contexts, places, and topic areas. In a completed prompt, the terrain card describes where – physically or conceptually – the thing from the future might be found. Two terrains appear on each card in order to provide richer possibilities for the deck.

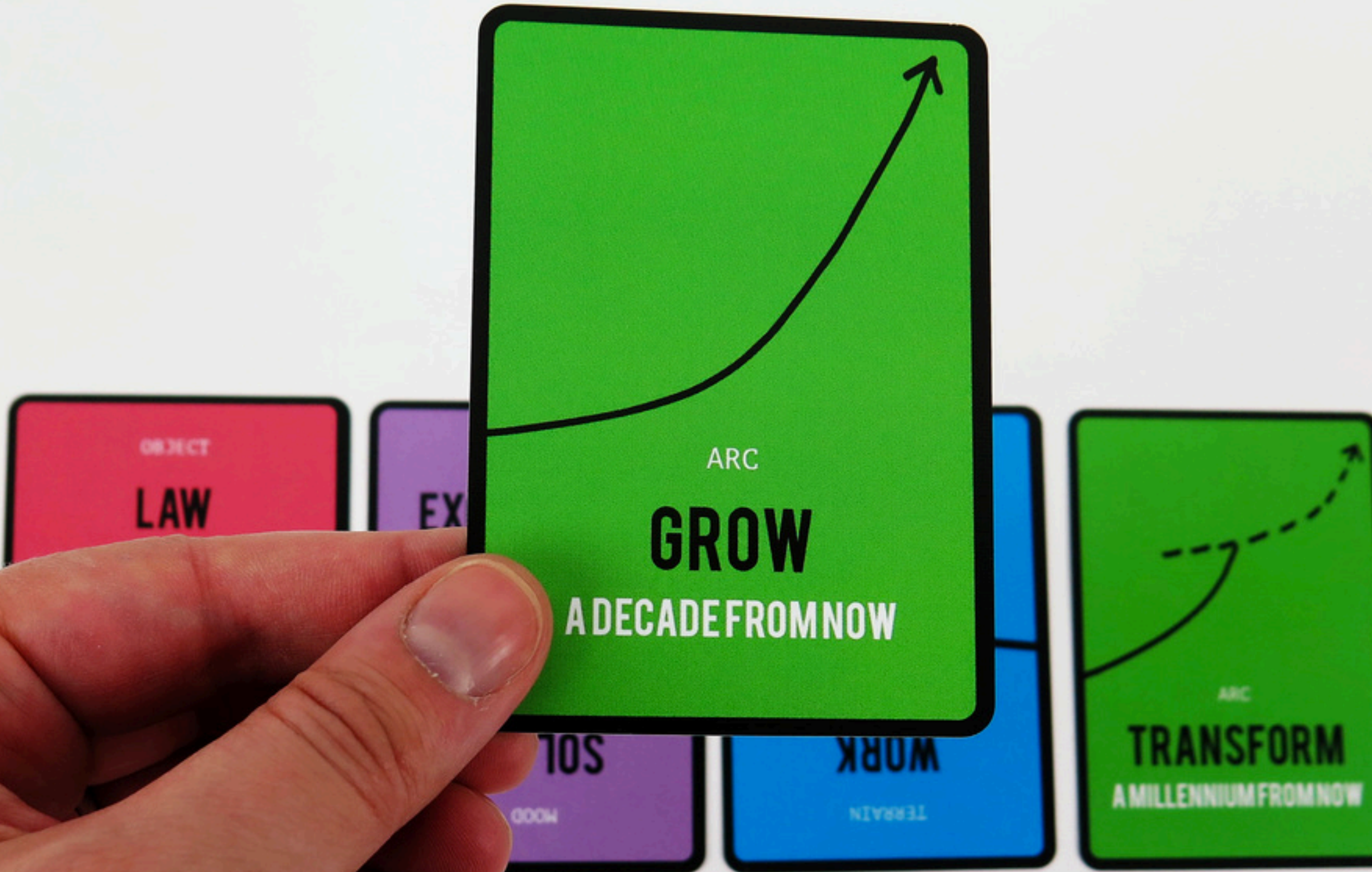


OBJECT cards describe the basic form of the thing from the future.



MOOD cards describe emotions that the thing from the future might evoke in an observer from the present.

V1.0



V2.0



- + SIMPLER STRUCTURE (JUST THREE SUITS)
- + ADDITION OF A MAD-LIBS PHRASE
(FORMED BY SEQUENCING THE THREE CARD TYPES)

“In a {keyword} future, there is a {keyword} related to {keyword}. What is it?”



+ + A WELL-CONSIDERED STRUCTURE OF CONSTRAINTS, THAT OFFERS “THREE COMPLEMENTARY LEVELS OF ABSTRACTION...”

“In a {keyword} future, there is a {keyword} related to {keyword}. What is it?”

MACRO

(type of scenario; Future, formerly Arc)

MESO

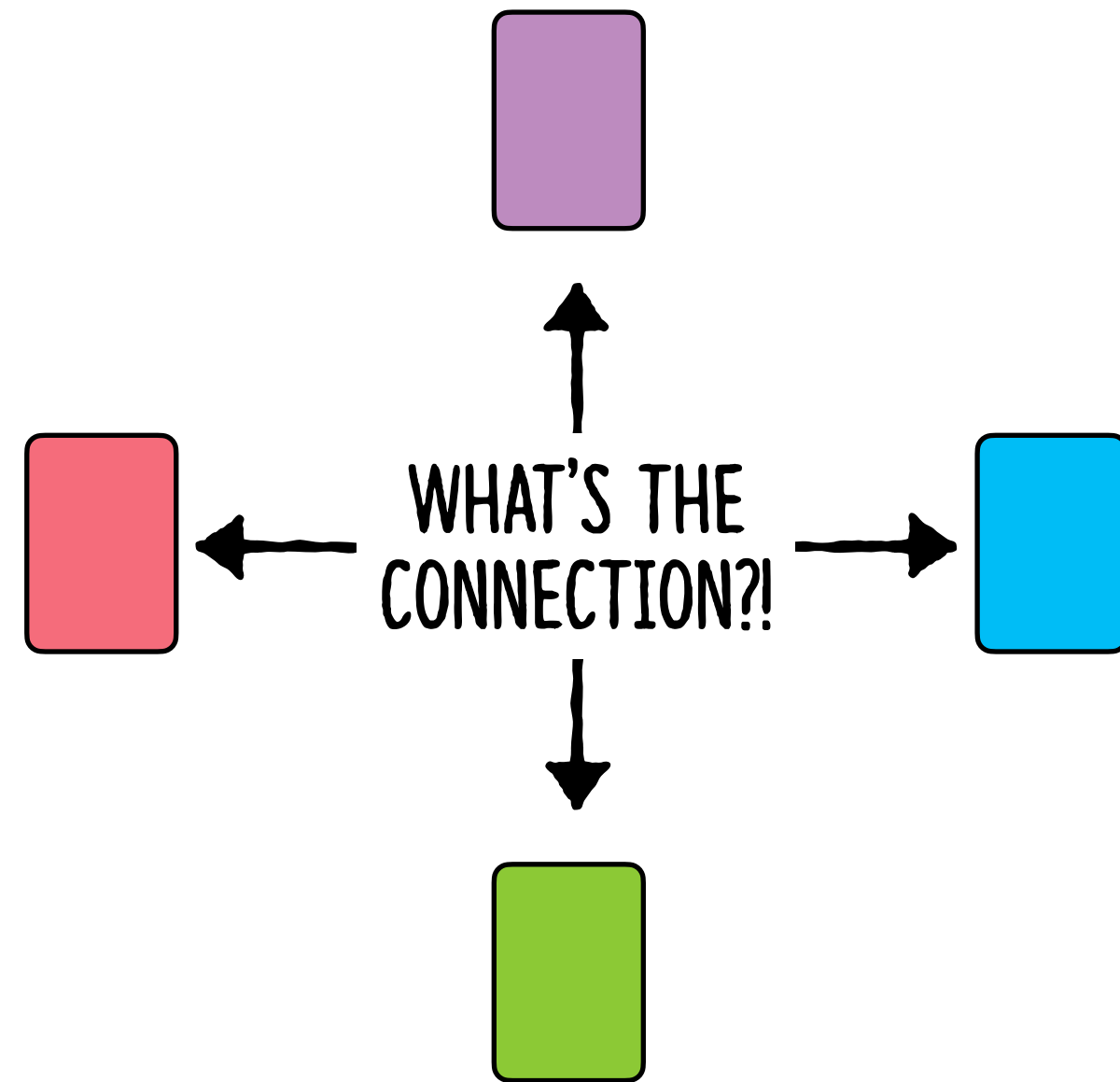
meso (geographic or thematic area of interest; Theme; formerly Terrain)

MICRO

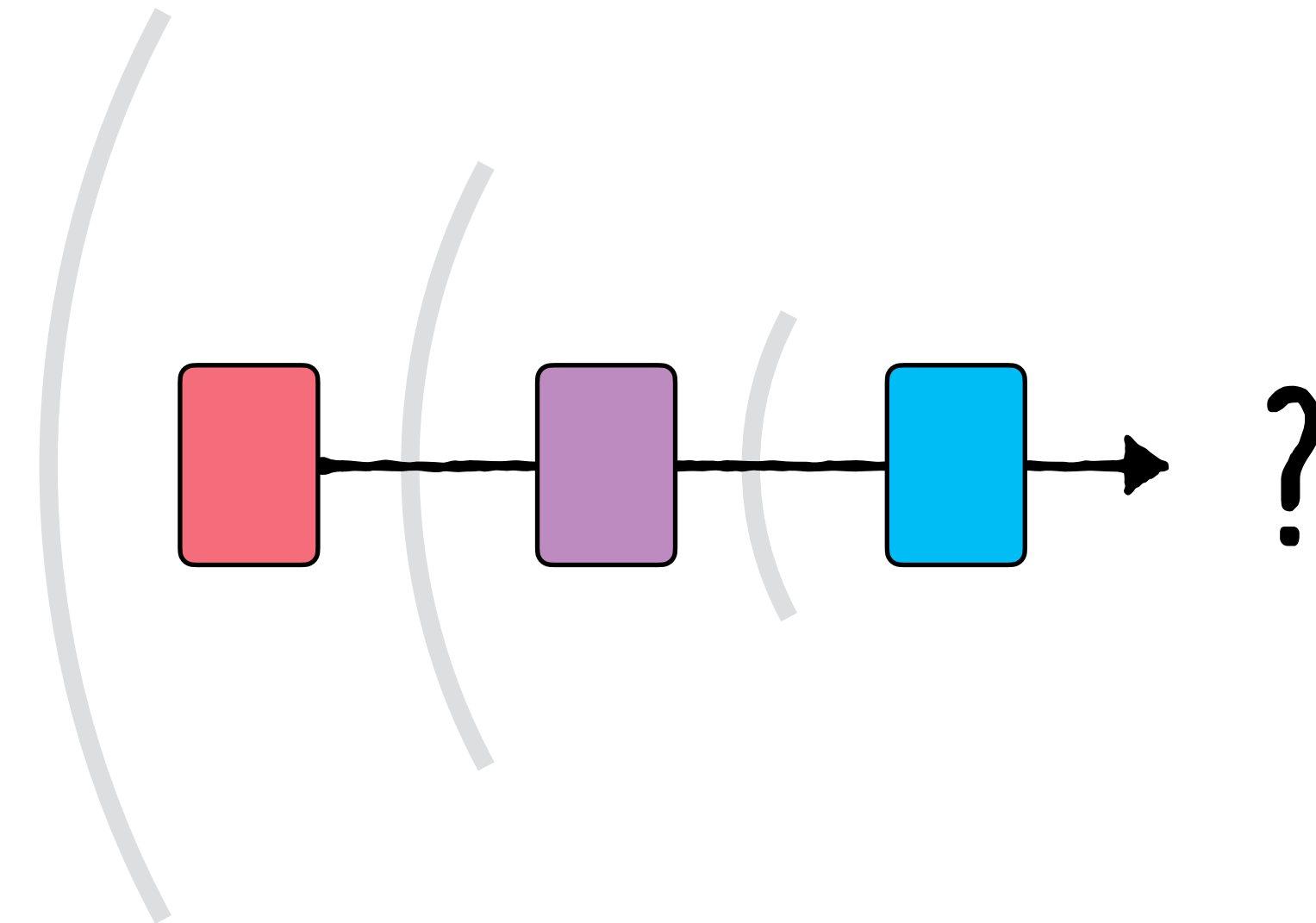
(the unit of cultural output, and focal point of the description you create; Thing; formerly Object).

+ BOTH VERSIONS USE CONSTRAINTS TO FACILITATE BRAINSTORMING,
BUT IN SUBTLY DIFFERENT WAYS:

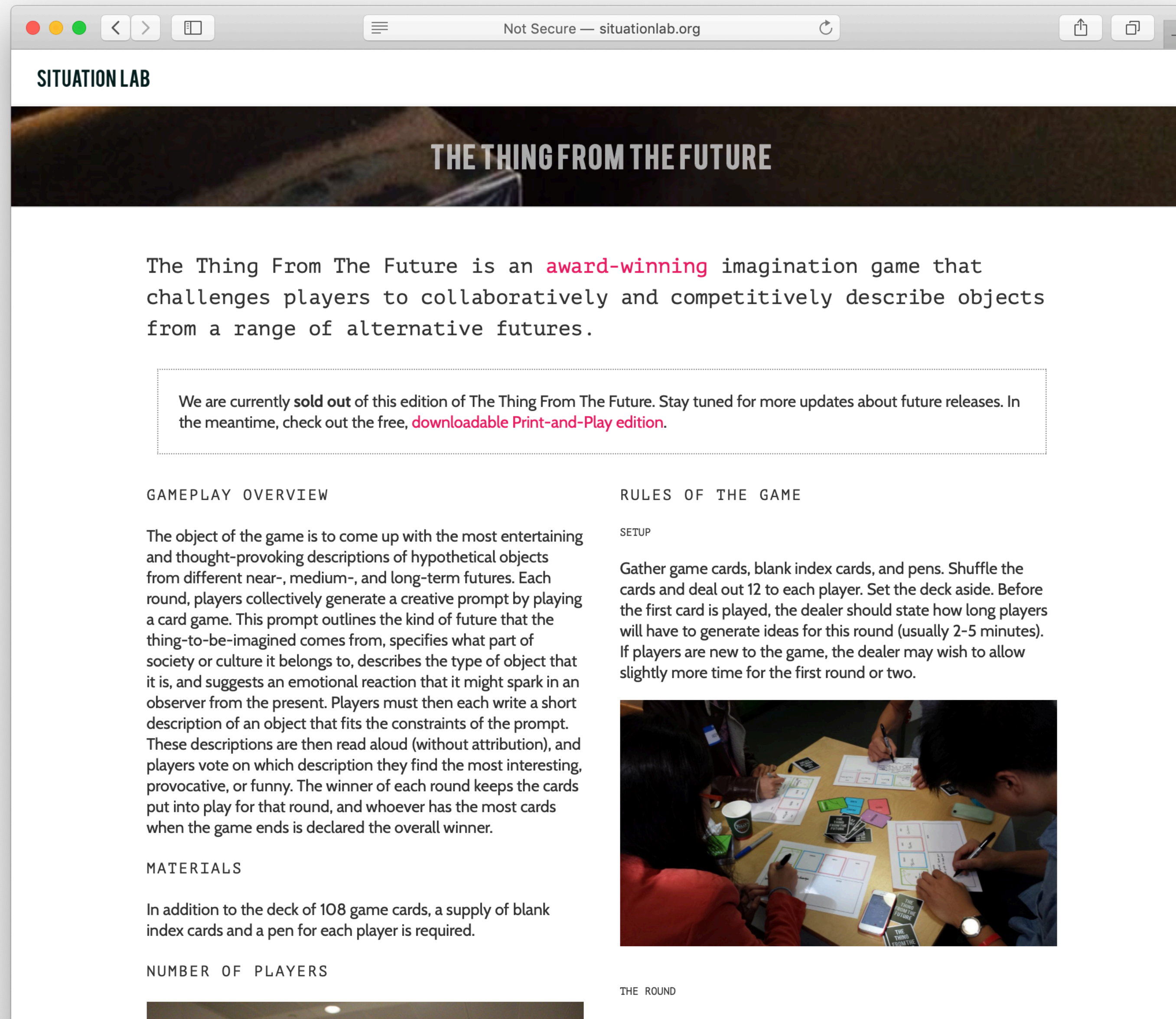
VERSION 1.0 FELT LIKE AN EXERCISE IN “COMBINATORIAL CREATIVITY,”
WHERE YOU ARE CHALLENGED TO IMAGINE SOMETHING BASED ON FOUR
RANDOM THINGS.



WITH VERSION 2.0, THESE CONSTRAINTS FEEL MORE NATURAL,
WITH ONE CONSTRAINT LEADING INTO THE NEXT, LEAVING
YOU TO IMAGINE WHAT FOLLOWS:



<http://situationlab.org/project/the-thing-from-the-future/>



The screenshot shows a web browser window with the address bar displaying "Not Secure — situationlab.org". The page header includes the "SITUATION LAB" logo and a large banner image with the title "THE THING FROM THE FUTURE". The main content area features a paragraph describing the game as an "award-winning" imagination game. Below this is a callout box stating that the current edition is sold out and directing users to a "Print-and-Play edition". The page is divided into two columns: "GAMEPLAY OVERVIEW" and "RULES OF THE GAME". The "GAMEPLAY OVERVIEW" section describes the game's objective and rules. The "RULES OF THE GAME" section includes a "SETUP" subsection with instructions on how to play. At the bottom of the "RULES OF THE GAME" section, there is a photograph of people playing the game around a table. The "NUMBER OF PLAYERS" section is partially visible at the bottom left.

SITUATION LAB

THE THING FROM THE FUTURE

The Thing From The Future is an **award-winning** imagination game that challenges players to collaboratively and competitively describe objects from a range of alternative futures.

We are currently **sold out** of this edition of The Thing From The Future. Stay tuned for more updates about future releases. In the meantime, check out the free, **downloadable Print-and-Play edition**.

GAMEPLAY OVERVIEW

The object of the game is to come up with the most entertaining and thought-provoking descriptions of hypothetical objects from different near-, medium-, and long-term futures. Each round, players collectively generate a creative prompt by playing a card game. This prompt outlines the kind of future that the thing-to-be-imagined comes from, specifies what part of society or culture it belongs to, describes the type of object that it is, and suggests an emotional reaction that it might spark in an observer from the present. Players must then each write a short description of an object that fits the constraints of the prompt. These descriptions are then read aloud (without attribution), and players vote on which description they find the most interesting, provocative, or funny. The winner of each round keeps the cards put into play for that round, and whoever has the most cards when the game ends is declared the overall winner.

MATERIALS


In addition to the deck of 108 game cards, a supply of blank index cards and a pen for each player is required.

NUMBER OF PLAYERS

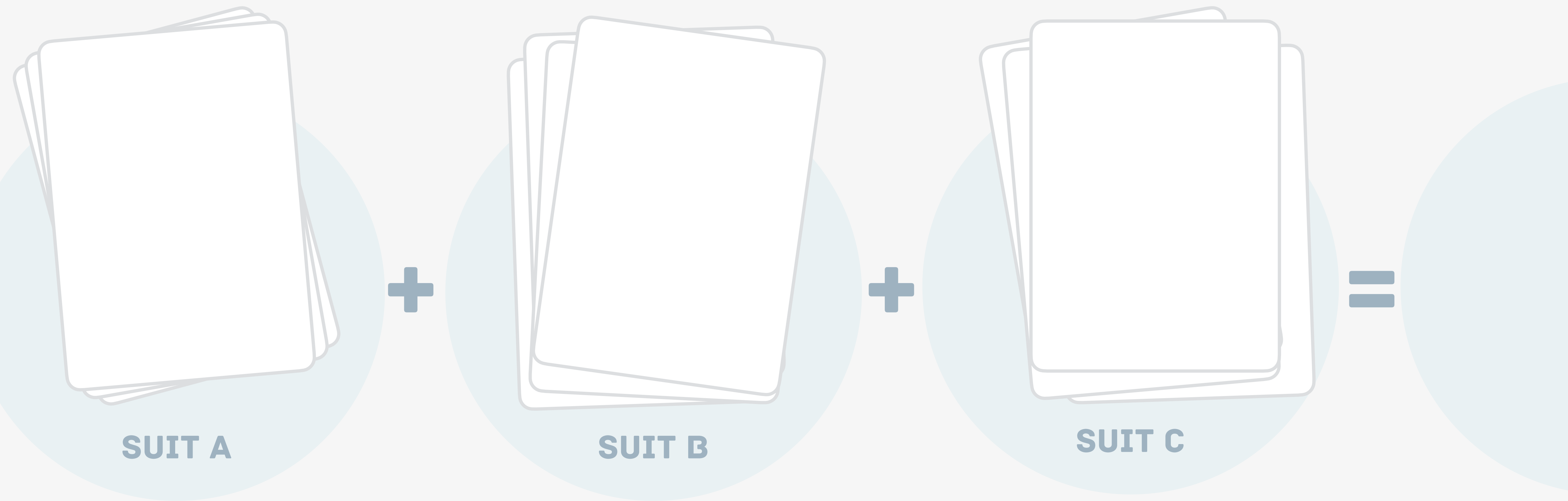
RULES OF THE GAME

SETUP

Gather game cards, blank index cards, and pens. Shuffle the cards and deal out 12 to each player. Set the deck aside. Before the first card is played, the dealer should state how long players will have to generate ideas for this round (usually 2-5 minutes). If players are new to the game, the dealer may wish to allow slightly more time for the first round or two.



THE ROUND



PATTERN / 'FORCED COMBINATION'

Personalizing your Yoga Workout!

(INDEX CARDS ALLOW A ONE TO MANY RELATIONSHIP)

Extended Child's

Utthita Balasana

oo-tee-tah bah-l AH-sah-nah

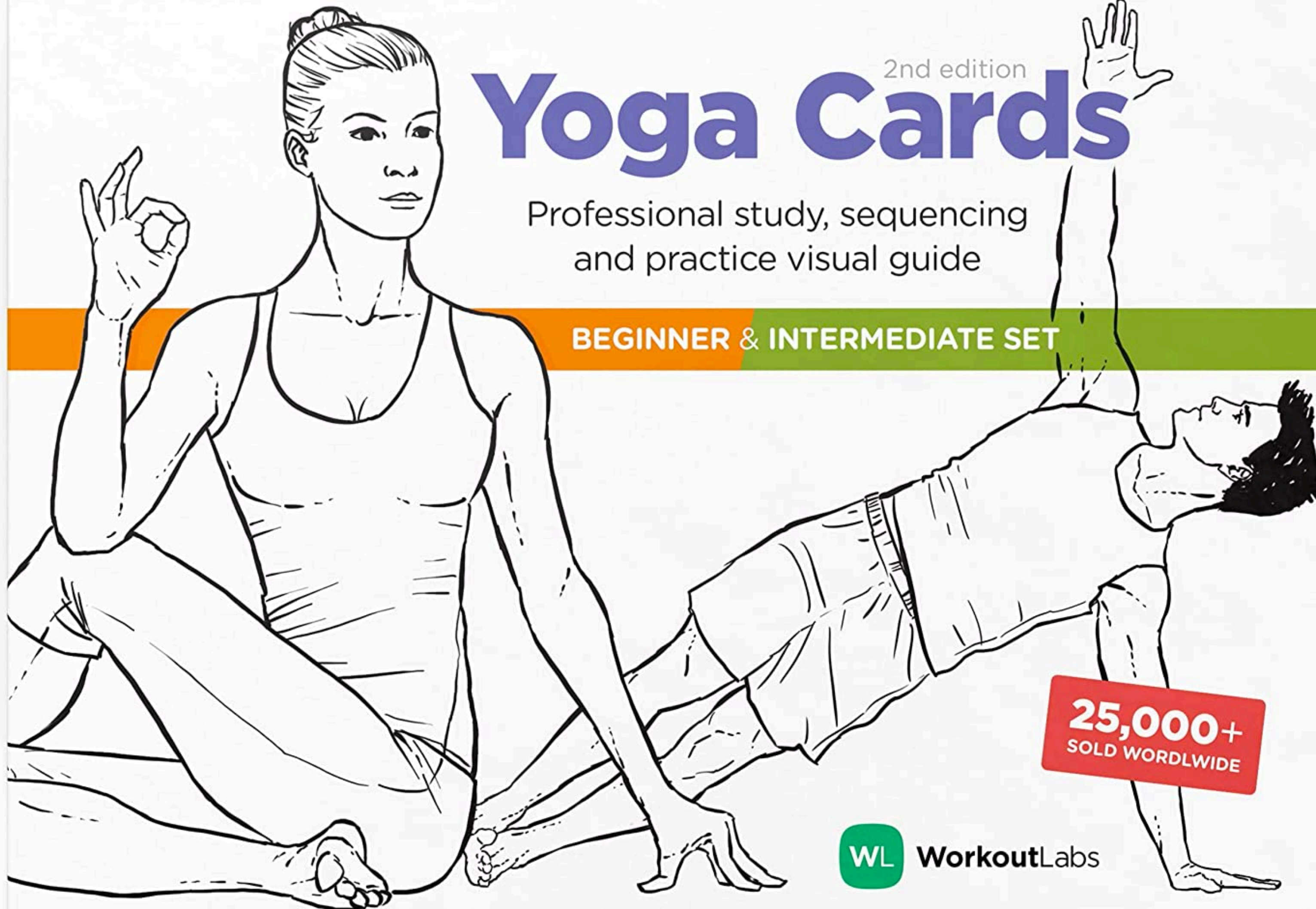
Mermaid

2nd edition

Yoga Cards

Professional study, sequencing
and practice visual guide

BEGINNER & INTERMEDIATE SET



25,000+
SOLD WORLDWIDE

WL WorkoutLabs

1	2	4
8	10	17

2	3	4
7	8	12
15	23	40

7	11	14
15	18	19
36	40	

INDEX CARDS

1	2	3	4	5

CONTENT CARDS

PATTERN / 'RECIPE'

**Why all this is
interesting...
(to me!)**



1	2	4
8	10	17

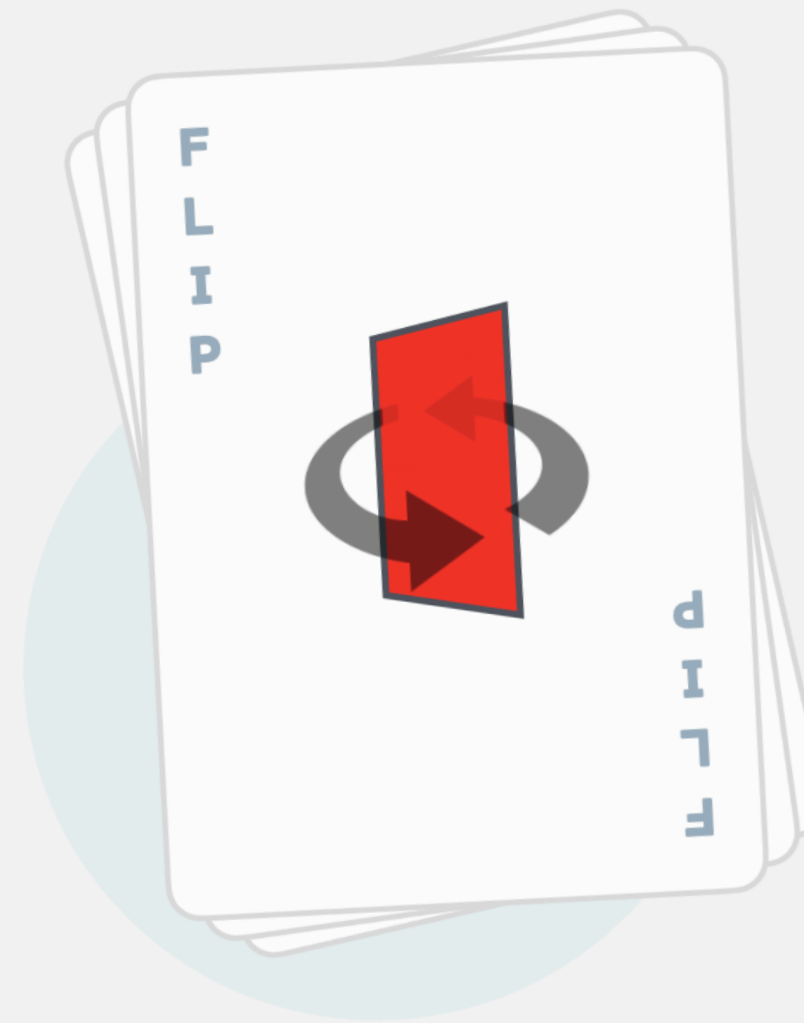
2	3	4
7	8	12
15	23	40

7	11	14
15	18	19
36	40	

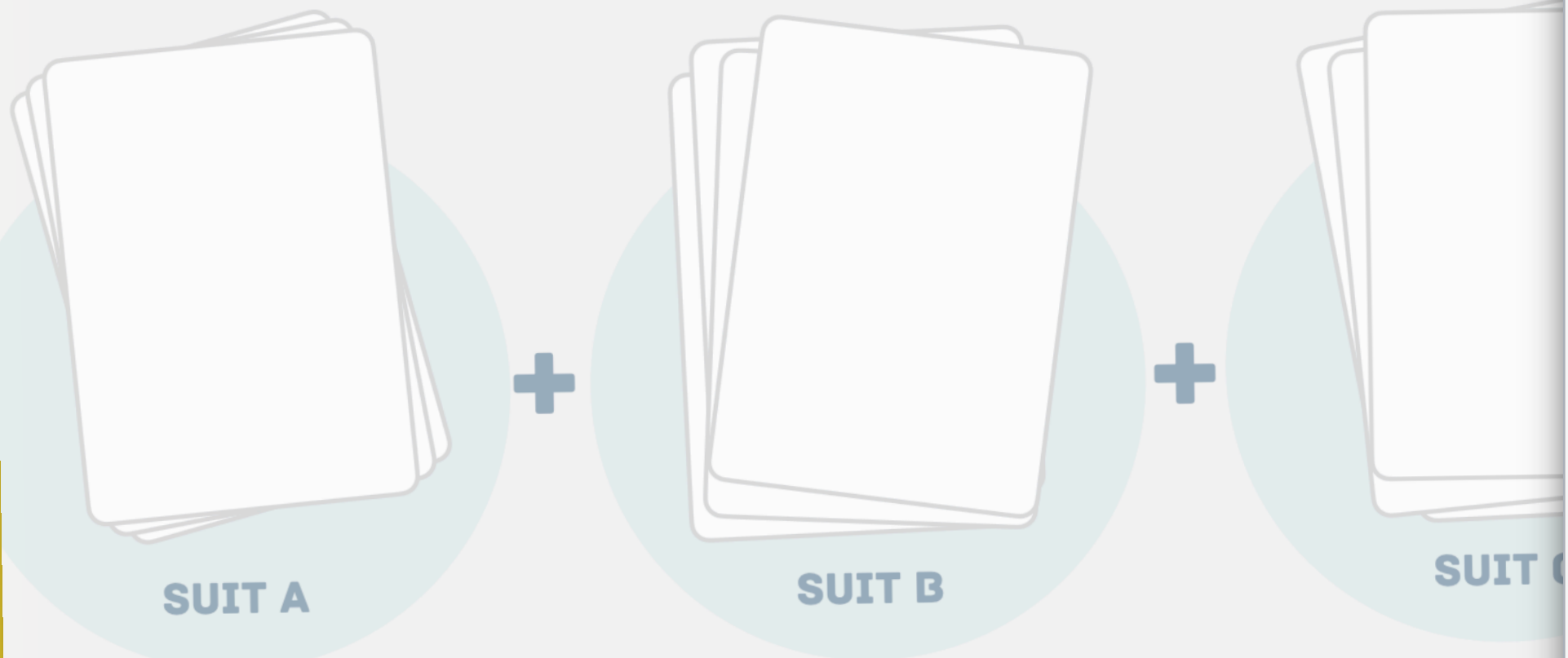
INDEX CARDS

1				

CONTENT CARDS

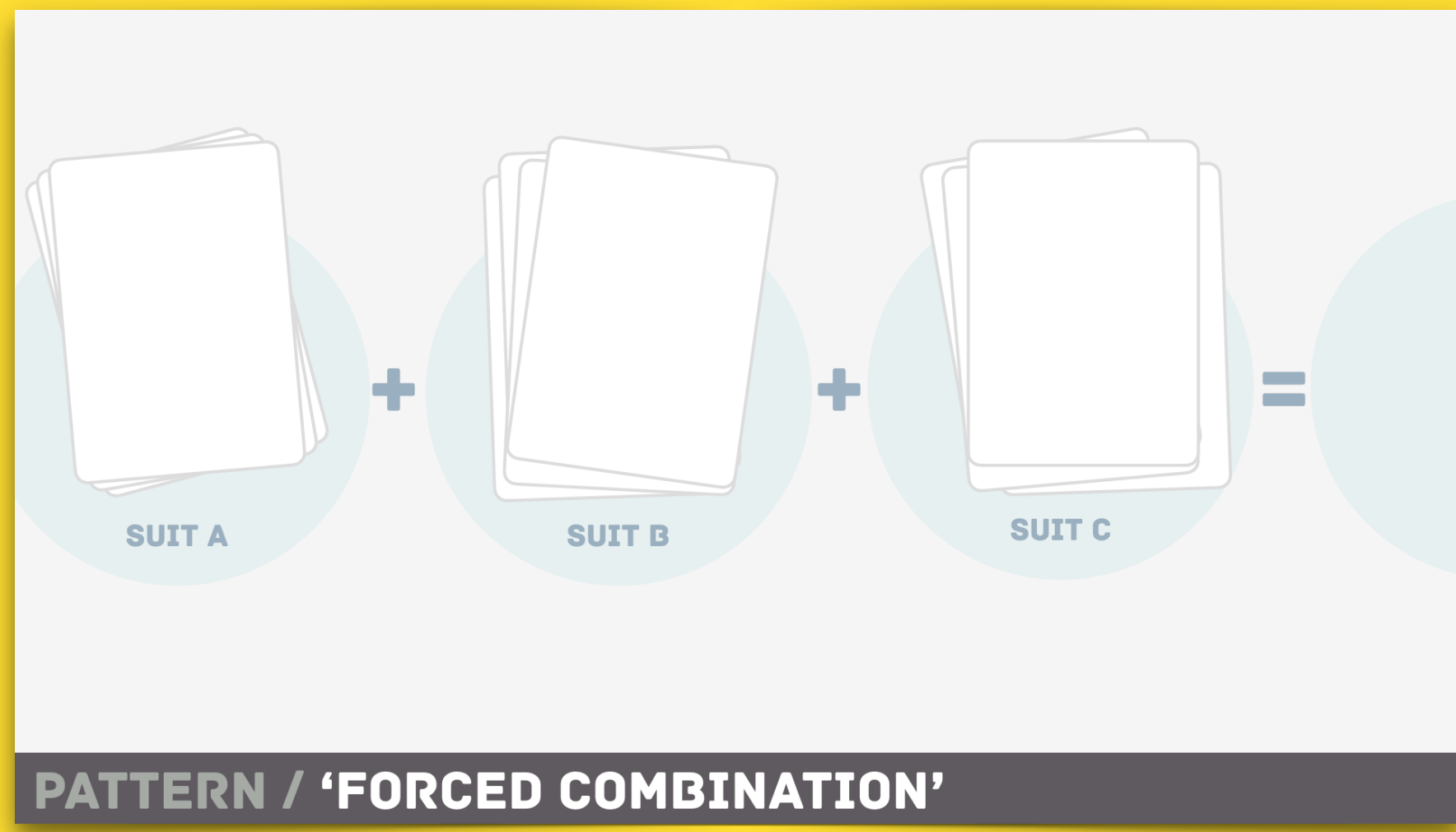
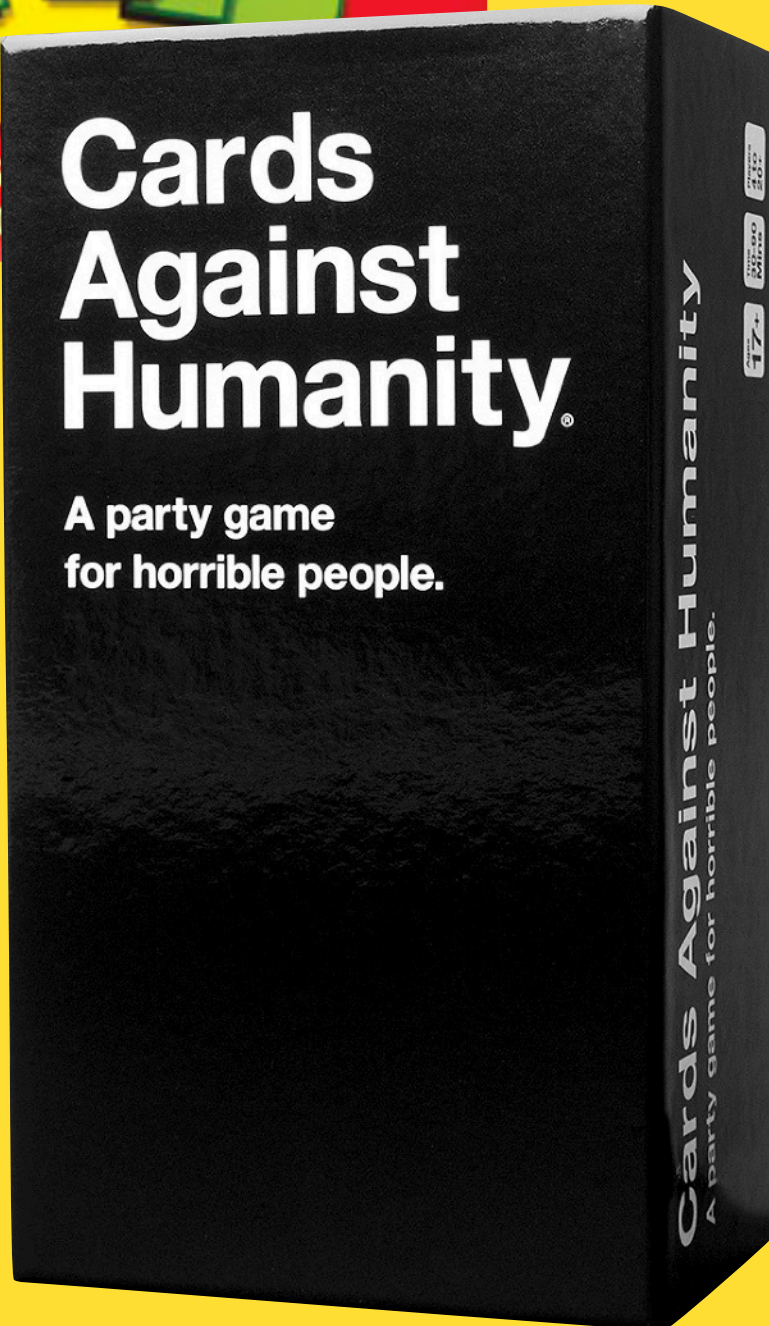
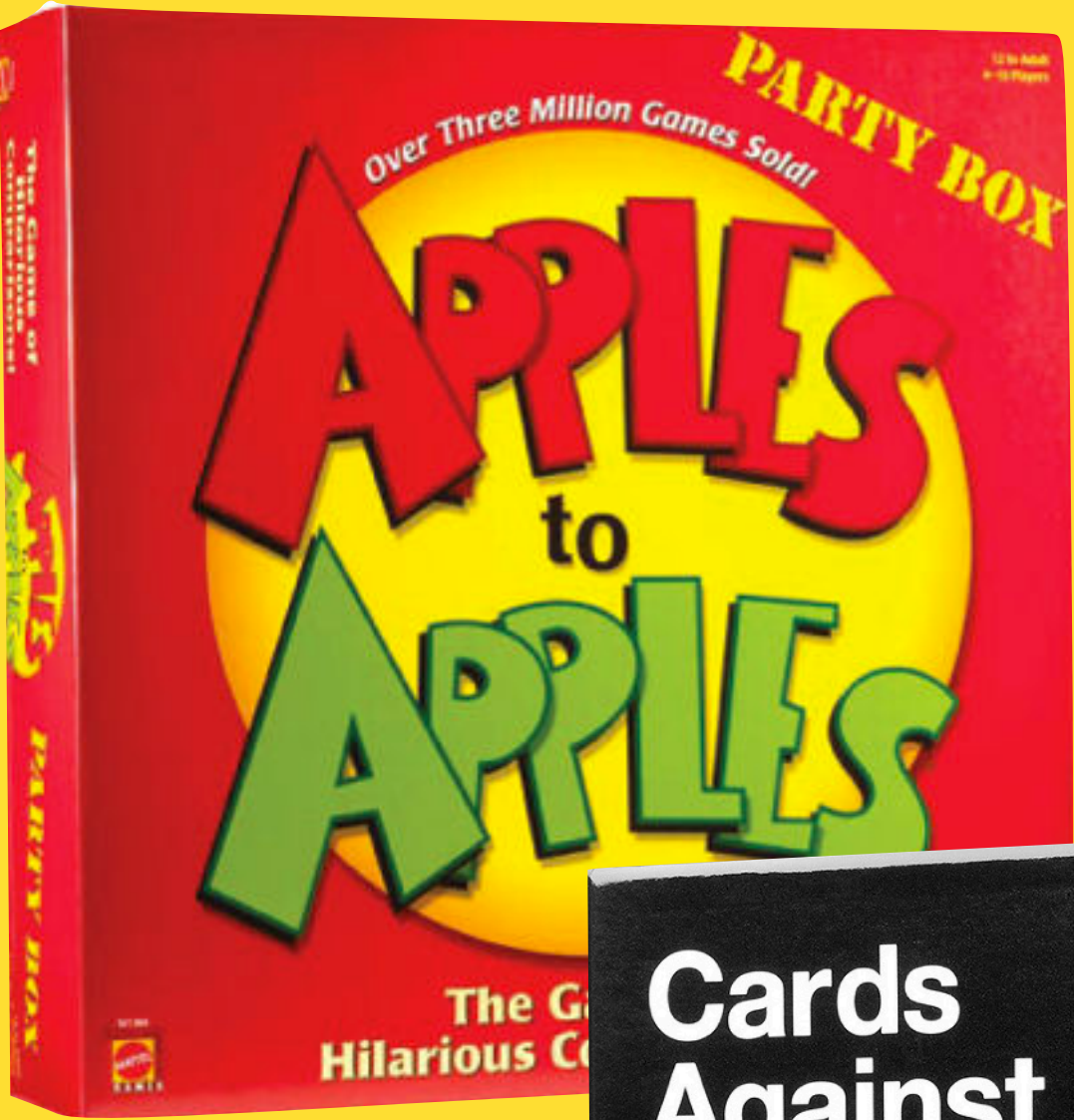


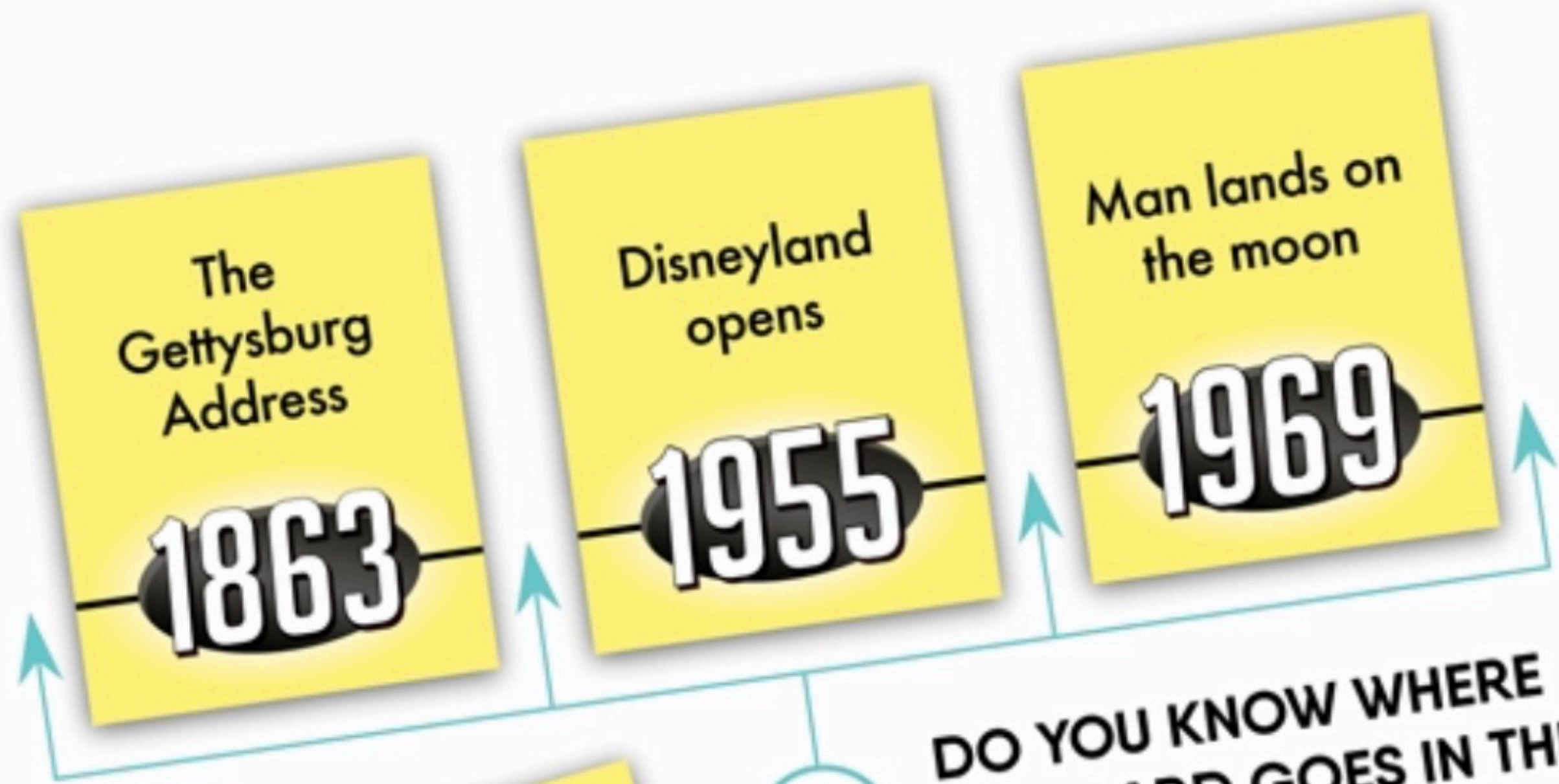
PATTERN / 'FLIP'



PATTERN / 'FORCED SORTING'

PATTERN / 'FORCED COMBINATION'





DO YOU KNOW WHERE THIS CARD GOES IN THE TIMELINE ABOVE?

The Bikini is introduced
???

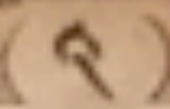




AGENDA DECK

ACT DECK

Agenda 1a



What's Going On?!

It is late at night. You are holed up in your study, researching the bloody disappearances that have been taking place in the region. A few hours into your research, you hear the sound of strange chanting coming from your parlor down the hall. At the same time, you hear dirt churning, as if something were digging beneath the floor.

3

Illus. Mark Molnar

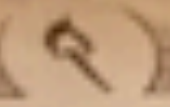
2/16



105

107

Act 1a



Trapped

As you leap to investigate, the door to your study vanishes before your eyes, leaving behind only solid wall. You're trapped inside your study until you can find another way out.

2

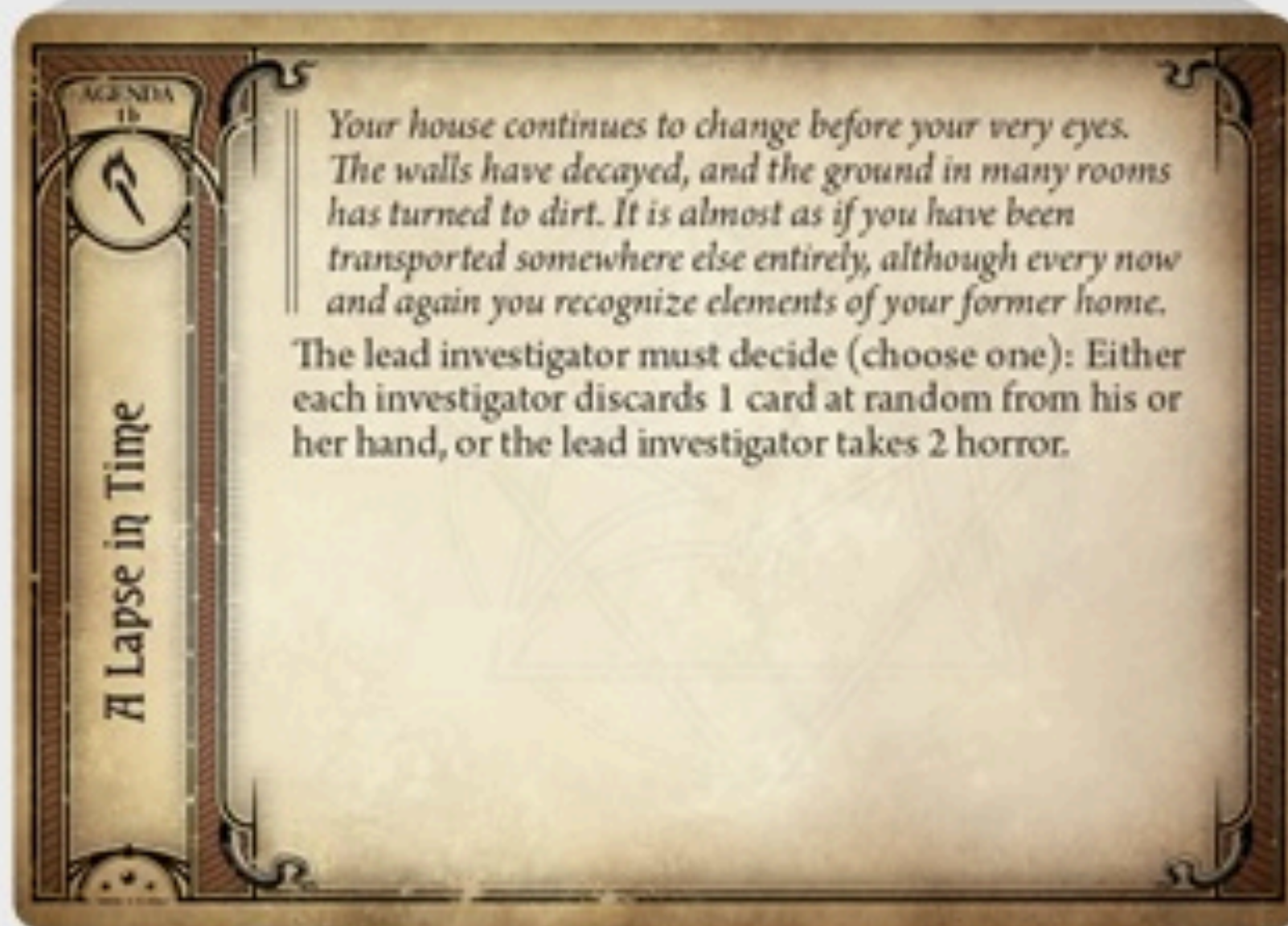
Illus. Jose Vega

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5/16



108





PATTERN / 'FLIP'

PATTERN / 'PAIRING'

PATTERN / 'SATURATION'

PATTERN / '???'



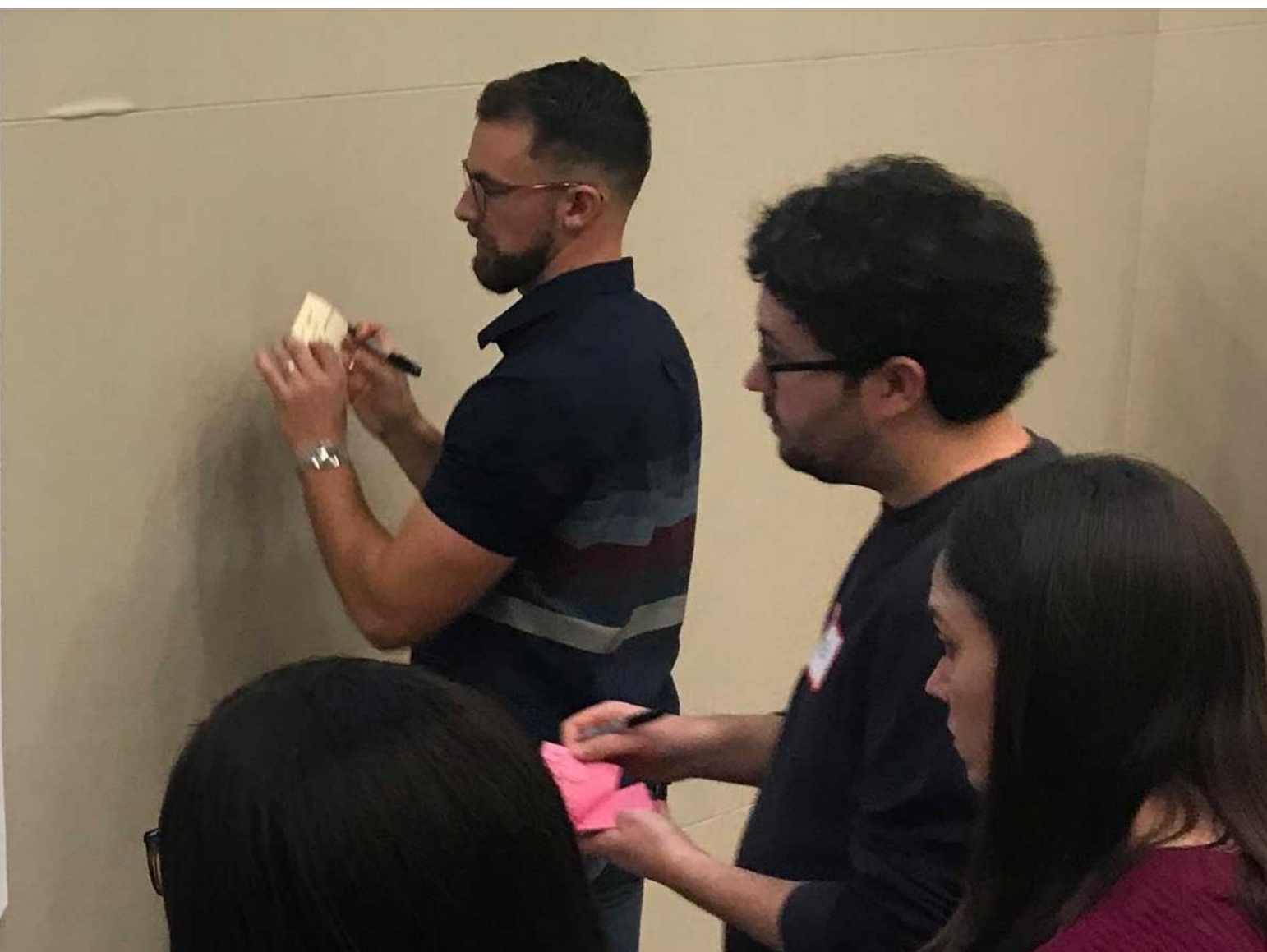
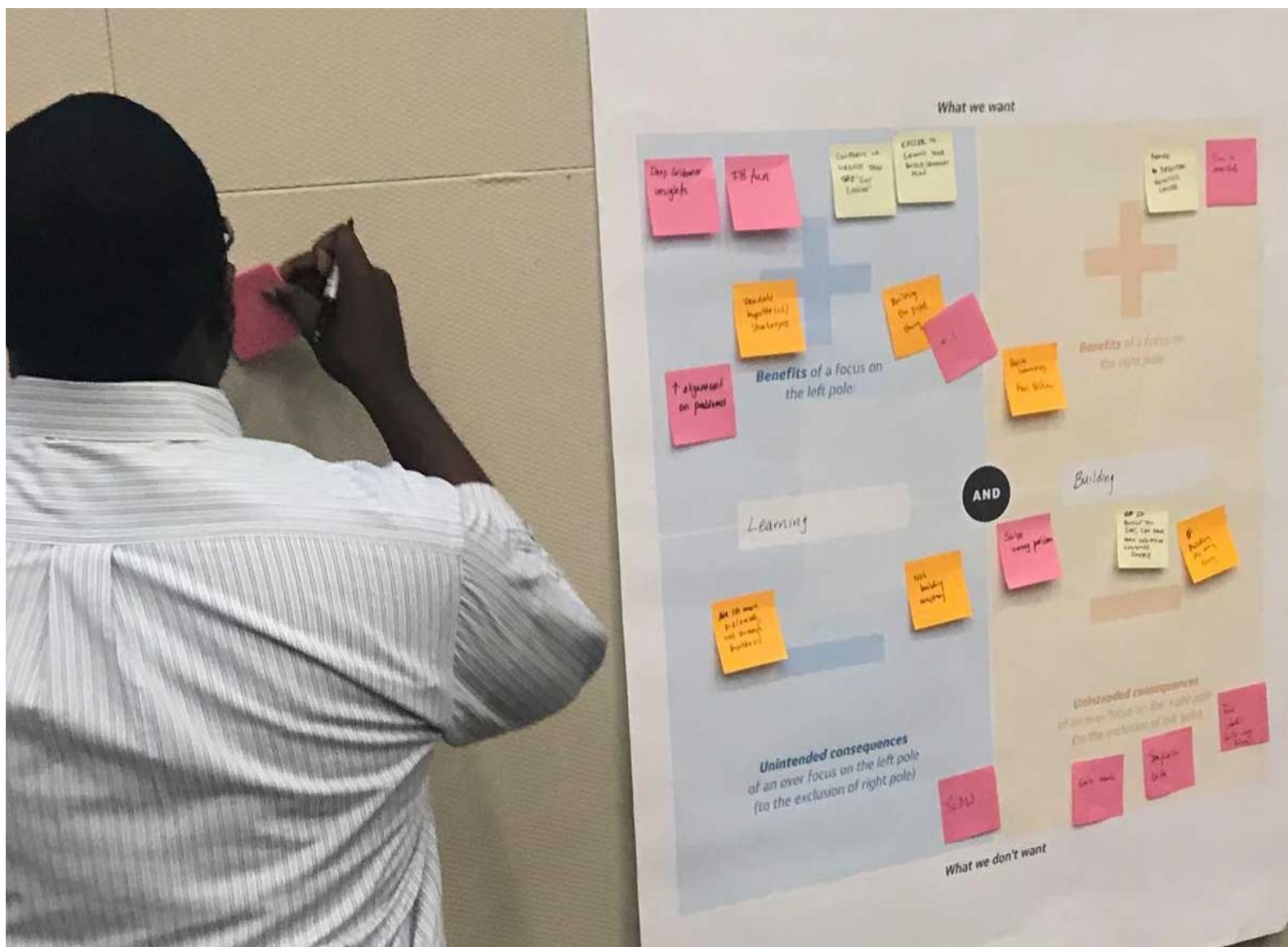
Games

Work Context

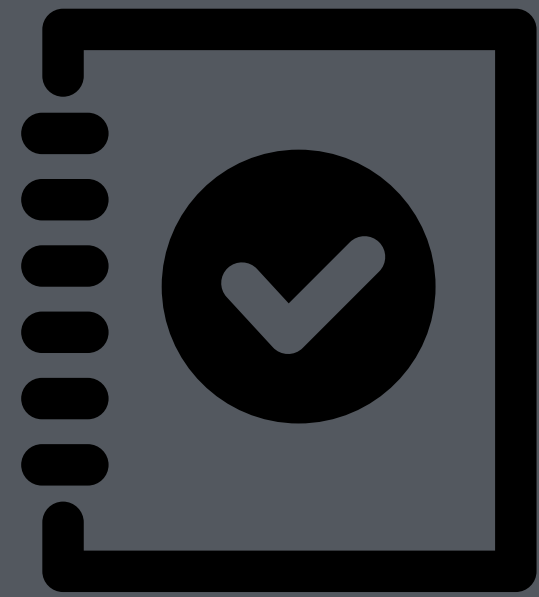


CARD DECKS
TILES
CANVASES
MAPS
MODELS
REFLECTION QUESTIONS
GAMES

‘things to think with’



ANALOGIES
EXPLORABLE EXPLANATIONS
GAMEBOOKS
SIMULATIONS
DATA VISUALIZATIONS
ETC.



**When we bring ideas into the world
(in a thoughtful, structured way)
we extend our ability to think about
and discuss complex topics.**

FIGURE IT OUT

Getting from Information
to Understanding



by

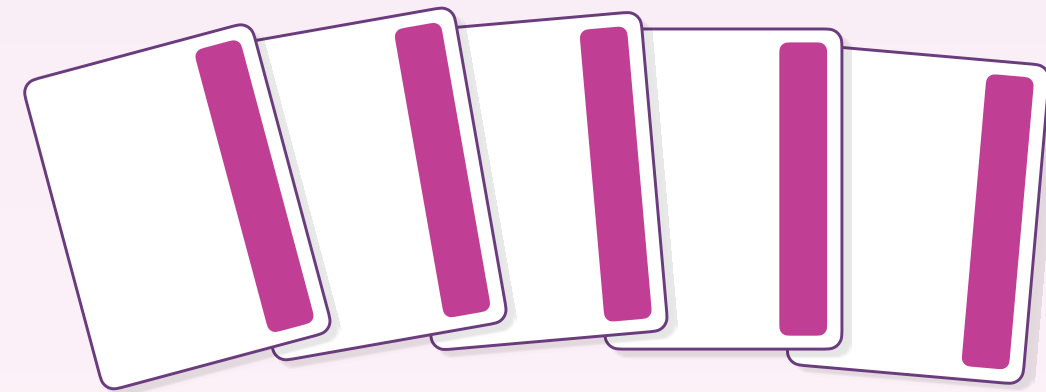
STEPHEN P. ANDERSON
and **KARL FAST**

foreword by Christina Wodtke

TWO WAVES

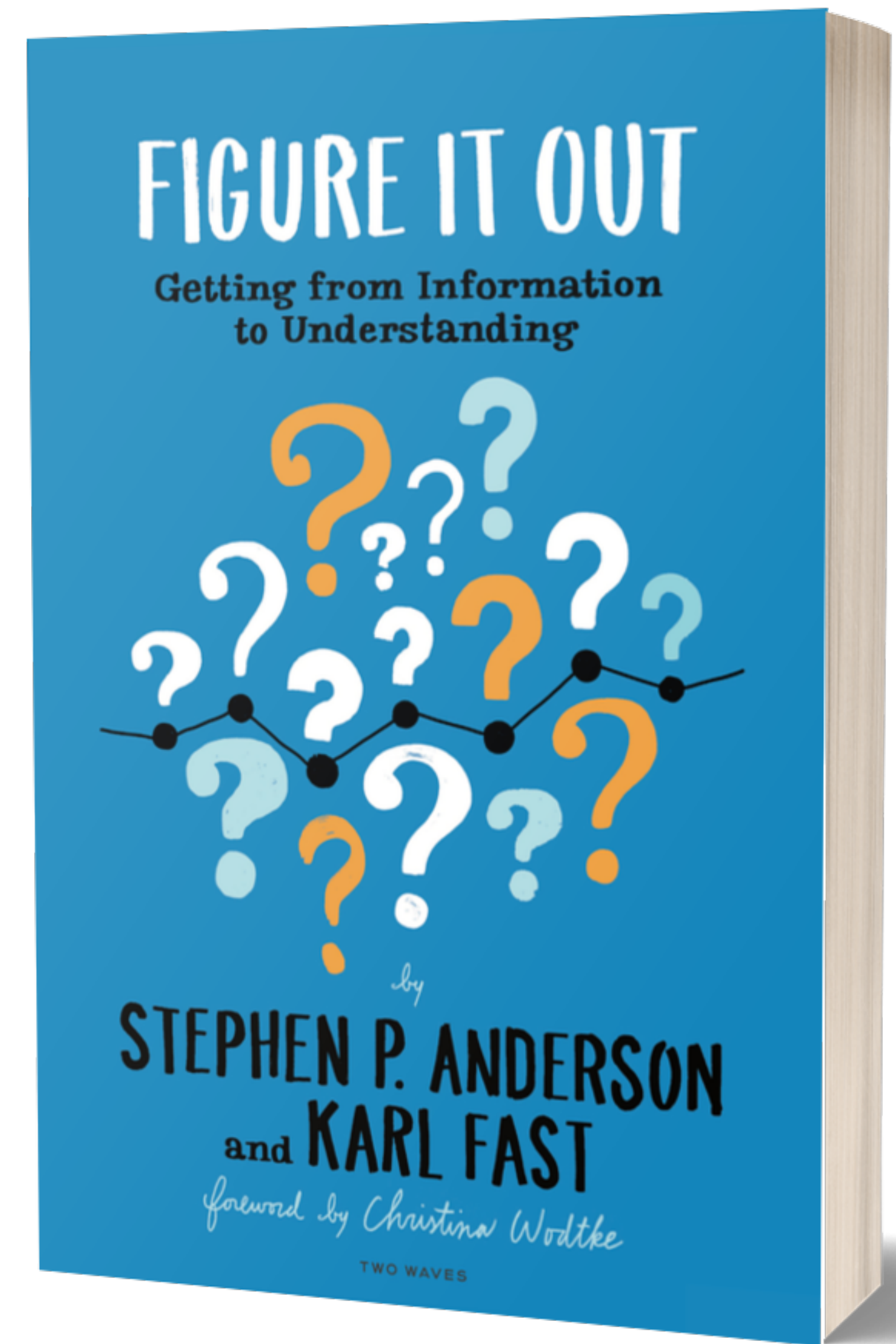


The Mighty Minds Club



A community of working professionals who share and create 'things to think with'.

TheMightyMindsClub.com



THANKS!

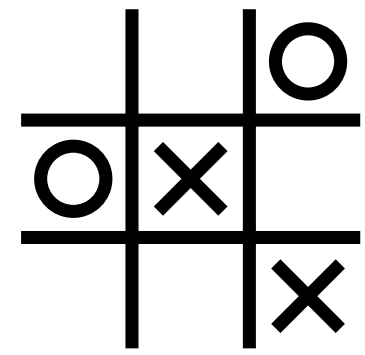


Stephen P. Anderson

 [@stephenanderson](https://twitter.com/stephenanderson) • stephen@poetpainter.com

HOW DO WE ASSESS A SITUATION
AND MAKE DECISIONS?

Cynefin



TIC TAC TOE



CHESS



POKER



CHILDREN'S PLAY

CLEAR

COMPLICATED

COMPLEX

CHAOTIC

SENSE

CATEGORIZE

RESPOND

SENSE

ANALYZE

RESPOND

PROBE

SENSE

RESPOND

ACT

SENSE

RESPOND

ORDERED

CAUSE AND EFFECT ARE KNOWN OR CAN BE DISCOVERED

UNORDERED

CAUSE AND EFFECT CAN BE DEDUCED ONLY WITH HINDSIGHT OR NOT AT ALL

HOW DO I REFLECT ON PURPOSE AND CAREER GOALS?

“What’s Worth Doing” Cards

“ I’m trying to figure out what’s next for me.
What I’ve been doing no longer excites me.
But, I’m not sure what I want to do.

#UX



What's Worth Doing? Cards for your next step.

What's Worth Doing is a deck of cards created by friends from Stanford, MIT, IDEO, and Experience Institute to help you with life's big and small decisions.

The tool uses a simple hexagon shape to help you create a mind map around three main questions: (1) What challenges do you want to address? (2) What kind of people do you enjoy working with? (3) What do you like to make?

You'll be challenged to sort through 85 cards quickly and then draw connections across your mind map to see what types of interesting and meaningful projects you might do next.

The cards help you navigate transitions and dive deeper into your work by designing small projects that allow you to learn, grow, and change your life, work, or world for the better.

