

Map the Mind: Behavioral Journey Mapping

Unlock the unseen forces behind inaction, hesitation, and stuck journeys



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makeittoolkit Certified Instructor since April 2024



































CX Strategist Founder



HELPING COMPANIES POCOS ON COSTOMERS

WWW.CUSTOMERCENTRICLLC.COM



CX STRATEGY

How do you make sure you are delivering on your overall brand promise? Do you have an overall CX Strategy, unique to your brand, that delivers on the functional, emotional, and social needs of your targeted customers? We'll help you define that!



CUSTOMER SEGMENTATION

Looking for a better way to segment customers? Our approach helps you uncover the different elements of value that form the basis of the unique bond between you and your targeted customer segments.



JOBS-TO-BE-DONE INTERVIEWS

Want to better understand switching behavior, why people "hire" your product or service? We leverage the JTBD interview method to determine the motivational forces at play (push, pull, habit, and anxiety) as customers consider your product or service offering?



CUSTOMER JOURNEY MAPPING

Journey maps are an important platform on which to build a better understanding of customer expectations, wants and needs. We use a data-driven approach to journey mapping integrating both qualitative and quantitative research.



DESIGN SPRINT WORKSHOPS

The Design Sprint process, created by Jake Knapp of Google Ventures, has proven to be an effective method for quickly conceptualizing, designing, and testing new product or service concepts. We've had great success leveraging this process to envision the ideal customer journey.



SERVICE DESIGN WORKSHOP

Great experiences don't happen by chance. They are designed. Experience blueprinting helps you co-create, think through and map out both on-stage experiences as well as backstage operations. It helps you align cross-functional teams on what it will take to deliver the desired customer experience.

















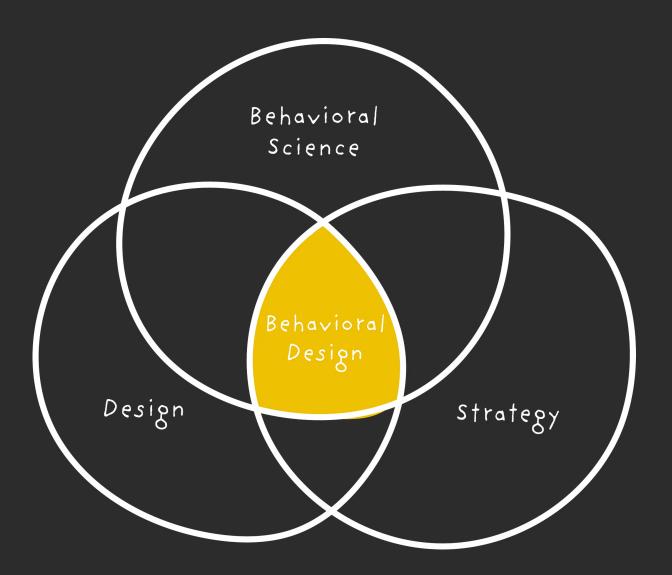




Designed and built - integrating multiple disciplines

Psychological Needs Habit Persuasion Science **Formation** Biases and Incentives Science Heuristics makeit toolkit Loyalty Nudging Engagement **Business** UX and Strategy Game design

The Goal: To embed behavioral design not simply into products or services but experiences as a whole.







abyss of struckness



Great outcome



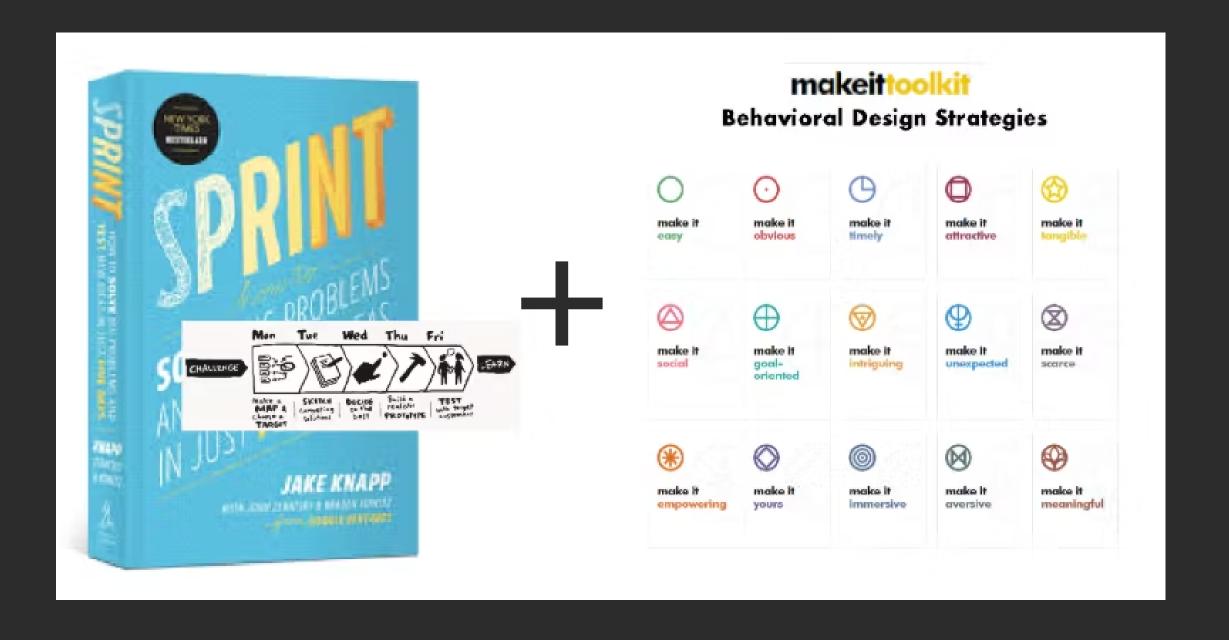




Great intentions

Great outcome

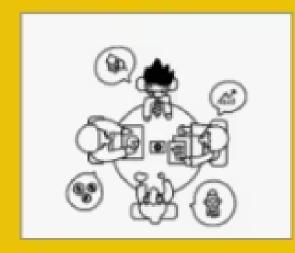
We took the original Design Sprint process and redesigned it to make it more humancentered.



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Behavioral Design Sprint

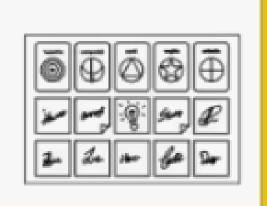
Prepare & Strategize



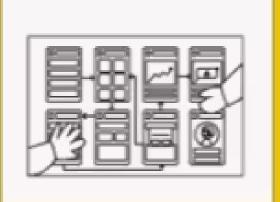
Map & Understand



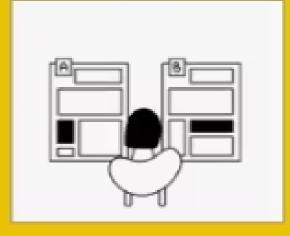
Brainstorm & Visualize



Prototype & Build



Test & Validate



- Choose a Product or Service
- Define expected organization and user outcomes
- Define target behaviors to encourage or discourage
- Formulate behavioral challenge statement

- Introduce 5 Laws of Behavior
- Define Target Audience (utilizing 5 Laws)
- Start at the end, map the behavioral journey
- Identify Makeit Barriers to Progress
- Prioritize
 Opportunity
 (Intervention) Points

- Idea Generation using Makeit Toolkit strategies and tactics
- Utilize makeitGPT® to support BeSci-based Idea Generation
- Idea Refinement leveraging Combo/Trade-offs

- Formulate Behavioral Design Hypothesis
- Choose Design Method and Fidelity (journey, storyboard, wireframes, mock-up, etc.)
- Visualize and Build Solution Concept(s)

- Prototype the chosen Solution Concept
- Recruit targeted audience for the Test
- Test and Validate the solution concept

(specific to client development process)

Behavioral Journey Mapping

Customer Journey
Map

Behavioral Journey Map

Focus

Touchpoints and Interactions

Psychological Aspects of User Behavior

Design Objective

Optimize the Customer Experience

Influence or Change User
Behavior

Psychological Elements

Understand the Emotional Journey

Understand and Shape Behavior

Process vs. Outcome Orientation

More process-oriented

(customer journey management)

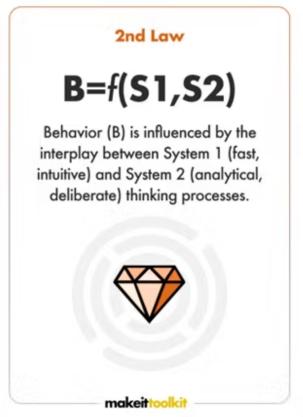
Outcome-oriented

(behavioral design and change management)

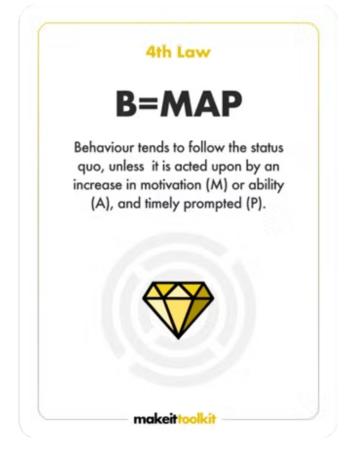
The Five Laws of Behavior

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B=f(P,E) Behaviour is always a function of the person (P) and the environment (E).



The (fast, chical, ses. 3rd Law A → B → C Every behavior (B) is prompted by an activator (A) and influenced by the consequences (C) associated with it.







Kurt Lewin (Field Theory in Social Science)



Daniel Kahneman
(Dual-process Theory
– Thinking Fast and
Slow)



B.F. Skinner
(Operant Conditioning –
Rewards and
Punishment)

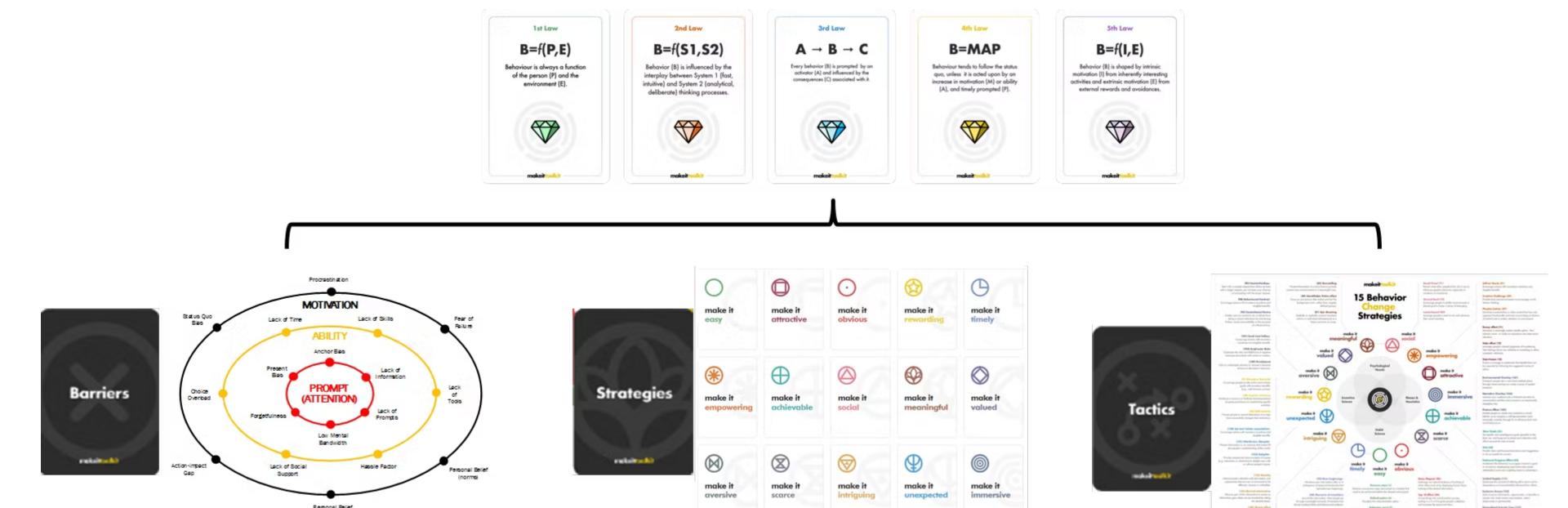


B.J. Fogg (Model of Persuasive Design)



Deci and Ryan (Self-Determination Theory)

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45+ Behavioral Barriers

15 Core Behavioral Strategies

300+ Behavioral Tactics



The Five Core Components of Behavioral Journey Mapping



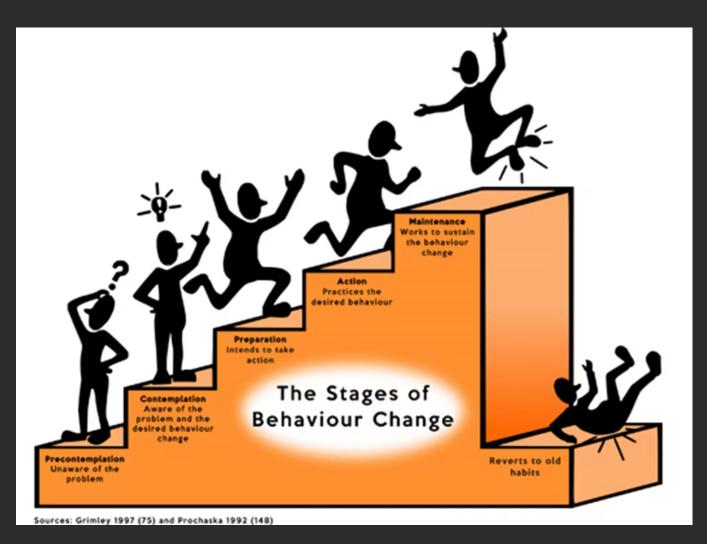












Contemplation: The individual is aware of the problem and is considering change, but is still ambivalent. "Maybe I should do something, but I'm not sure yet."

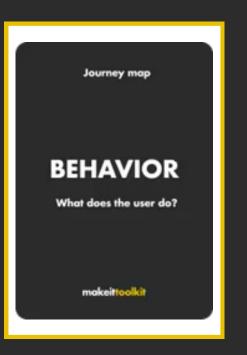
Preparation: The individual has decided to change and is planning how to do it, possibly taking small steps. "I'm getting ready to act."

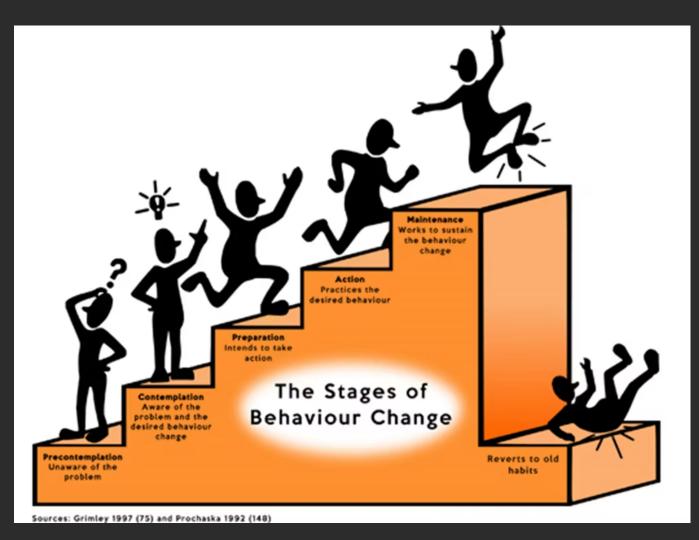
Action: The individual is actively changing their behavior and implementing their plan. "I'm doing it."

Maintenance: The individual has sustained the new behavior for a while and is working to prevent relapse. "This is part of my routine now, but I need to stay on track."

Termination: The new behavior is now fully integrated; there's no temptation to return to the old ways. "This is who I am now."

Reverts to Old Habits: The individual returns to the old behavior, often due to stress, lack of support, or loss of motivation. "I slipped up."





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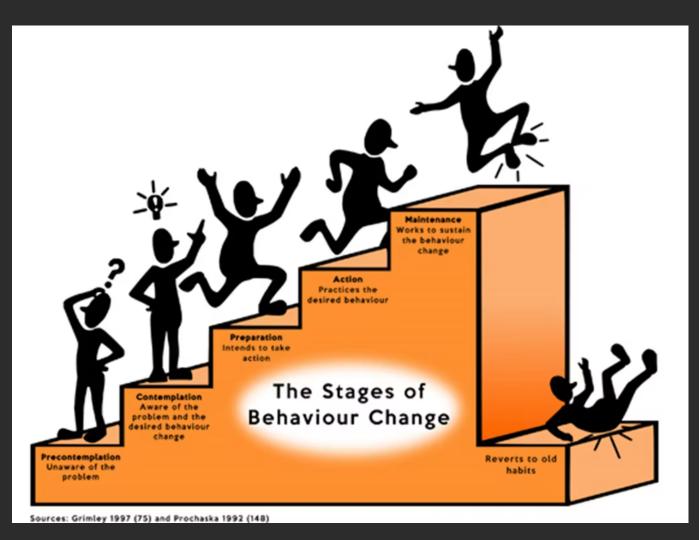
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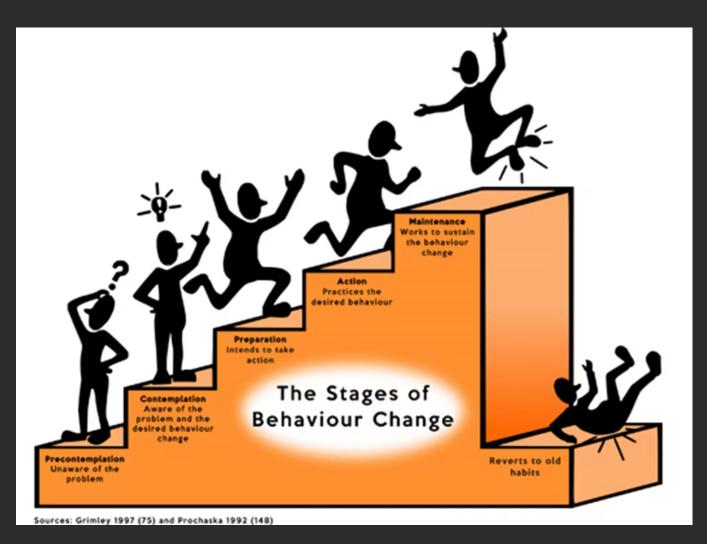
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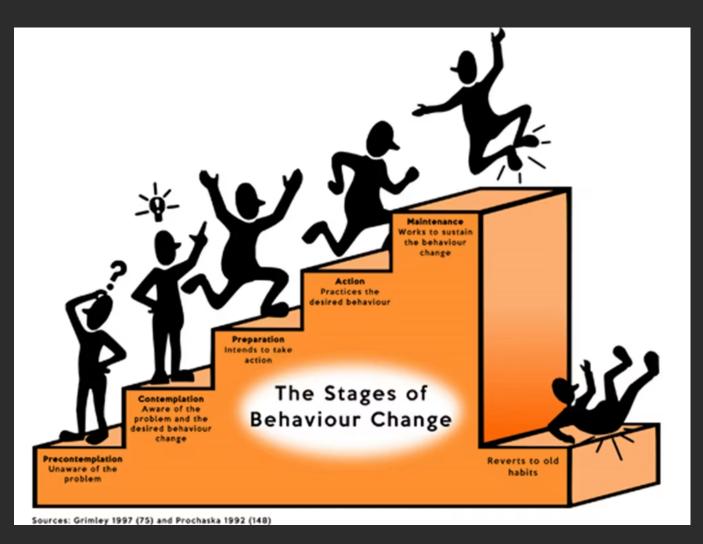
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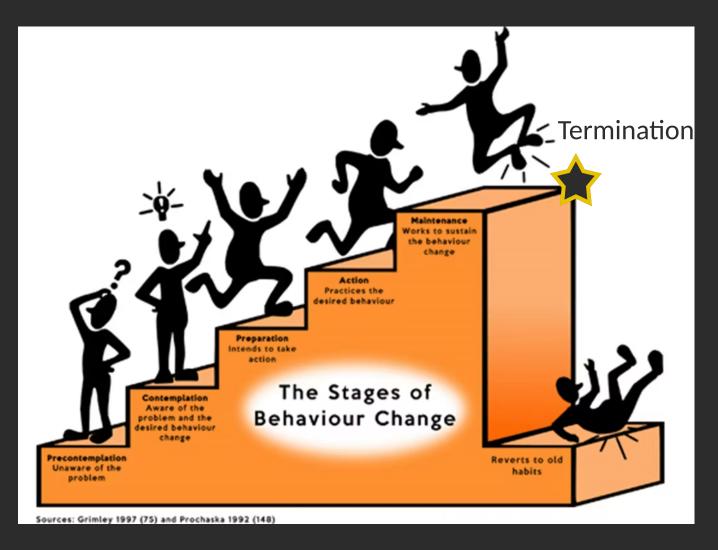
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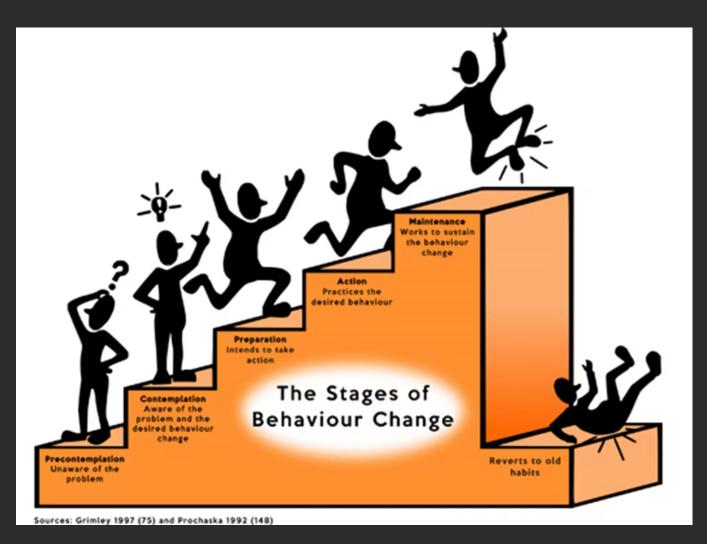
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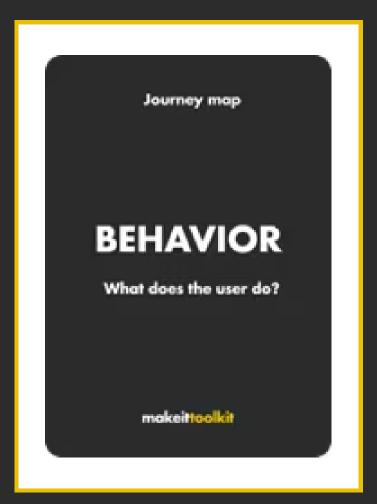
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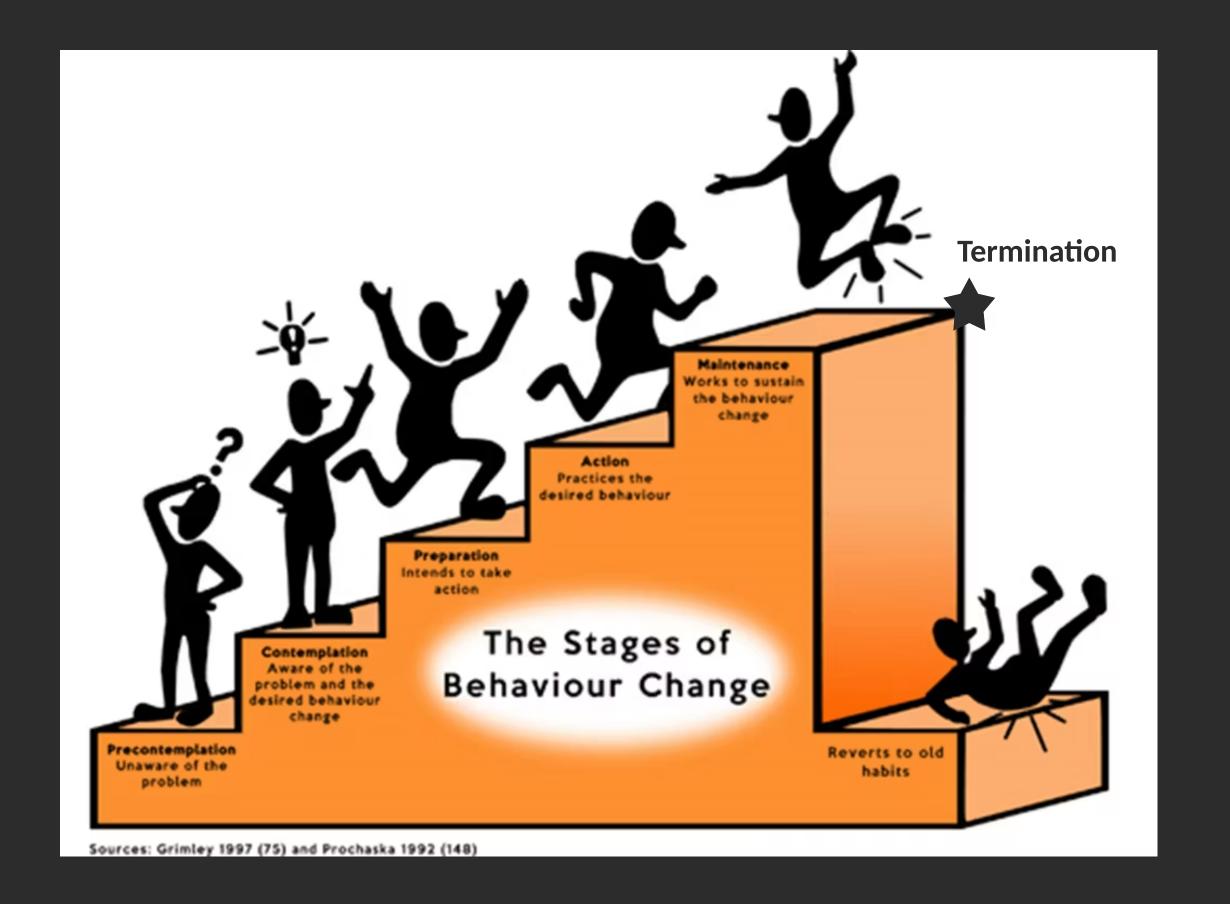
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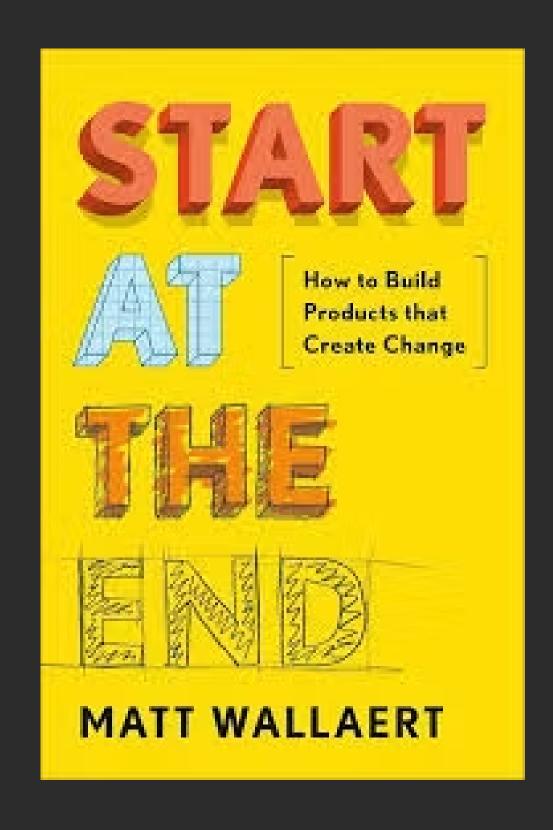
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Try Pitch



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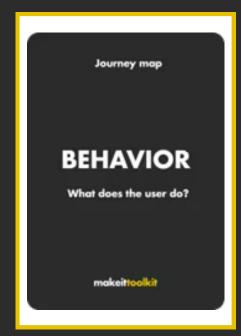


Start at the End

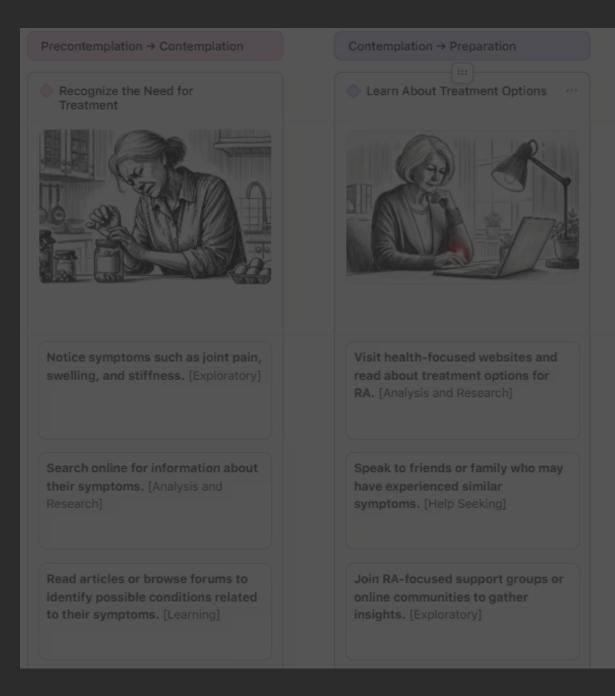
Our job is often about identifying the right behaviors to achieve a desired outcome.

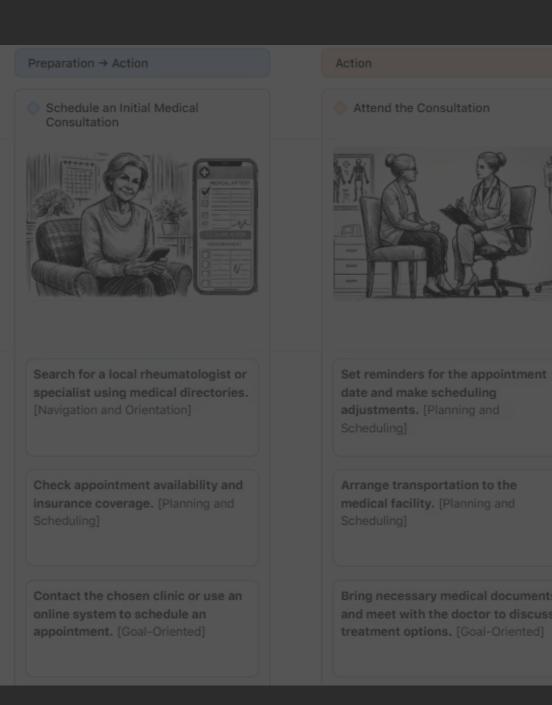
Behavioral Journey: Rheumatoid Arthritis Patient

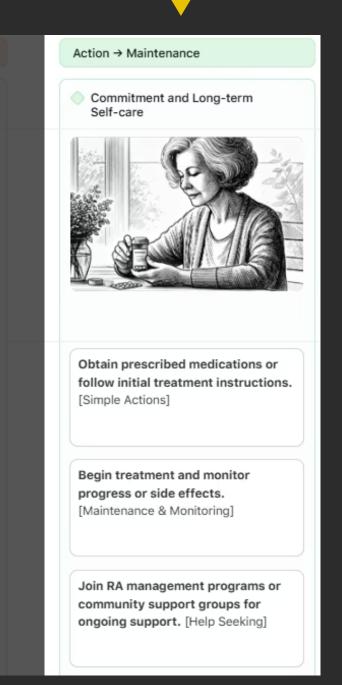
Start at the End



What does the user do (represented as a behavioral journey map)?







The Start



The Sequence of User Behaviors

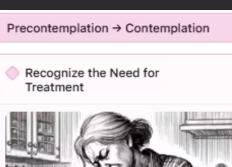
The End



Journey map

BEHAVIOR

What does the user do?





Search online for information about their symptoms. [Analysis and

Research]

Notice symptoms such as joint pain,

swelling, and stiffness. [Exploratory]

Read articles or browse forums to identify possible conditions related to their symptoms. [Learning]

Contemplation → Preparation

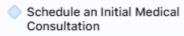




Visit health-focused websites and read about treatment options for RA. [Analysis and Research]

Speak to friends or family who may have experienced similar symptoms. [Help Seeking]

Join RA-focused support groups or online communities to gather insights. [Exploratory] Preparation → Action





Search for a local rheumatologist or specialist using medical directories. [Navigation and Orientation]

Check appointment availability and insurance coverage. [Planning and Scheduling]

Contact the chosen clinic or use an online system to schedule an appointment. [Goal-Oriented]

Action

Attend the Consultation



Set reminders for the appointment date and make scheduling adjustments. [Planning and Scheduling]

Arrange transportation to the medical facility. [Planning and Scheduling]

Bring necessary medical documents and meet with the doctor to discuss treatment options. [Goal-Oriented] Action → Maintenance

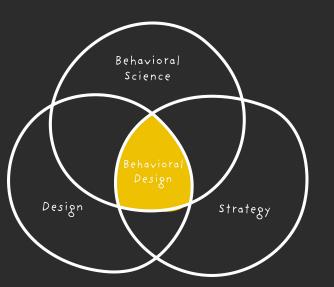
Commitment and Long-term Self-care



Obtain prescribed medications or follow initial treatment instructions. [Simple Actions]

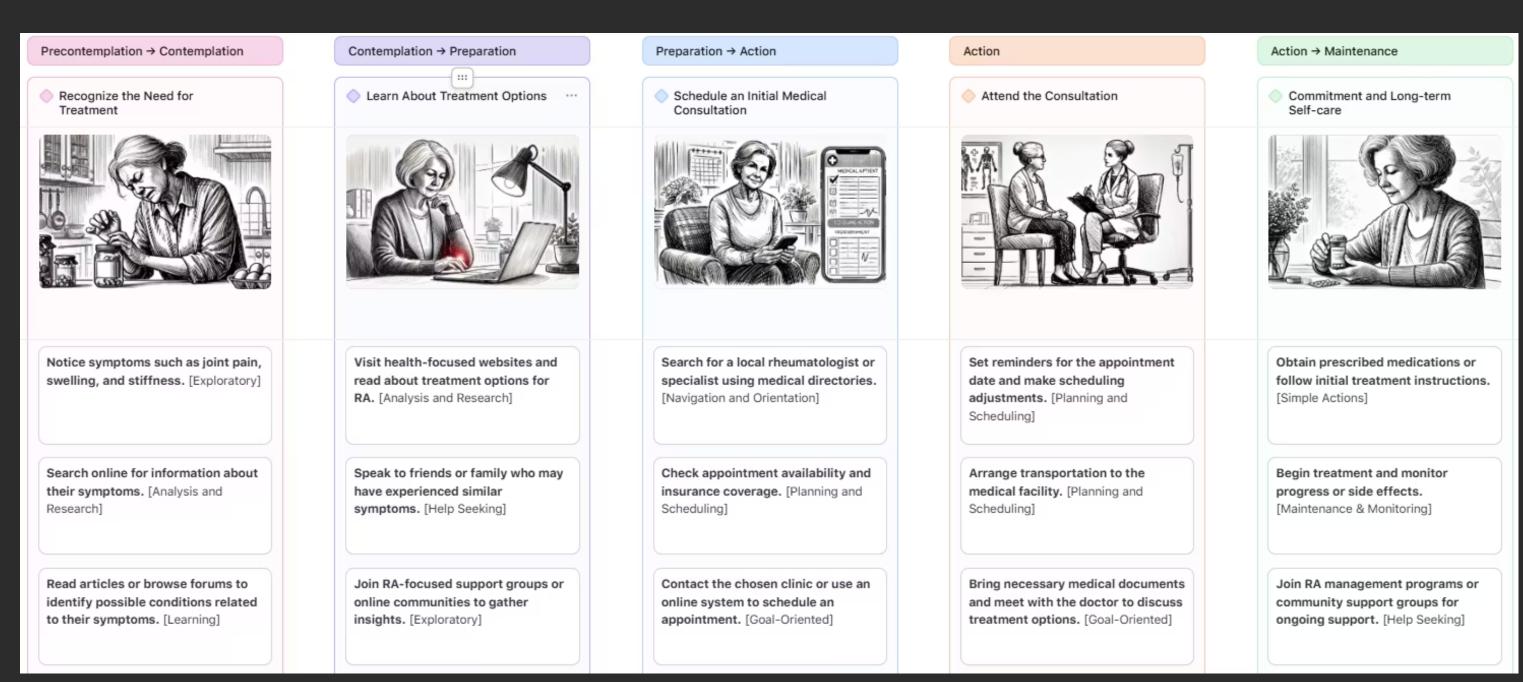
Begin treatment and monitor progress or side effects.
[Maintenance & Monitoring]

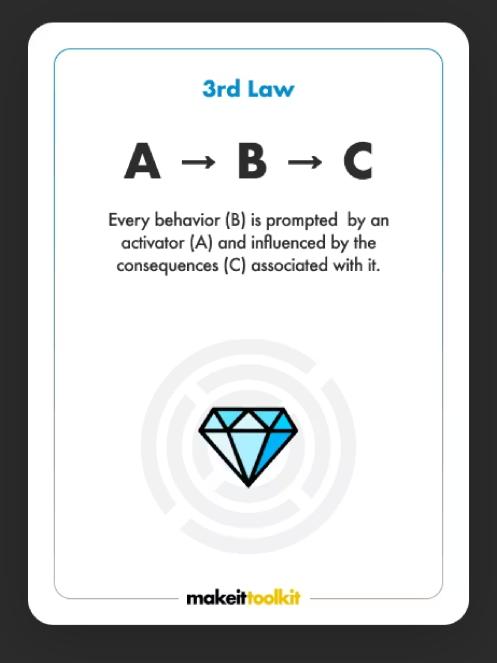
Join RA management programs or community support groups for ongoing support. [Help Seeking]



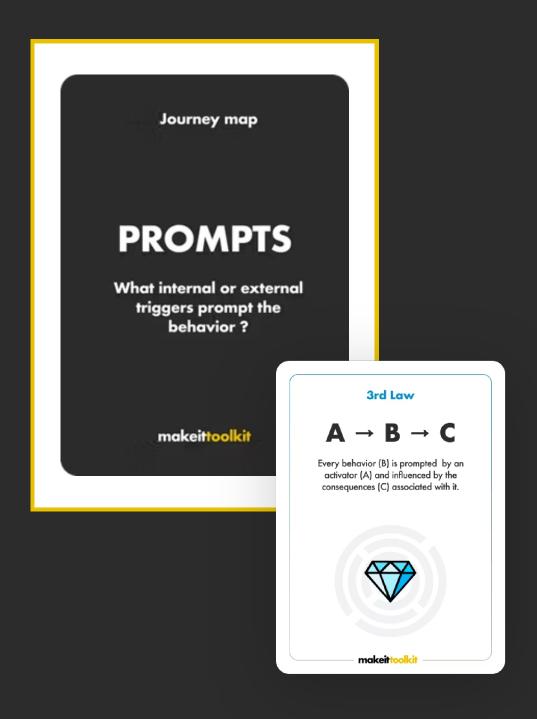
Behavioral Design is about determining the appropriate design interventions to influence user behavior, help individuals make progress.







... mapping the decisions/behaviors involved (what prompts them, and consequences)



External Prompts

These are cues from the environment or from other people that tell you to do something, suggesting or triggering a specific behavior.

Examples include:

- Traffic lights (environmental cue): Prompting you to stop or go while driving.
- A notification on your phone (technological cue): Reminding you to stand up and move around.
- A friend asking you to join them for a workout (social cue): Encouraging exercise.
- Seeing a commercial for a product (media cue): Might prompt you to buy it.
- Email from a colleague (social cue): Prompting you to complete a task.

Internal Prompts

These are cues that come from within the individual, often based on feelings, thoughts, or bodily sensations.

Examples include:

- Feeling hungry (bodily sensation): Might prompt you to eat.
- Feeling bored (emotion): Might prompt you to pick up your phone and check social media.
- Remembering you haven't exercised today (thought): Might prompt you to go for a run.
- Craving sweets (desire): Might prompt you to seek out dessert.
- Experiencing pain (physical sensation): Might prompt you to take medication or rest.
- Self-reflection (cognitive process): Might prompt setting personal goals.

External Prompts

 Recognize the Need for Treatment

Family or Friends' Observations: Someone close may notice the symptoms and encourage the user to seek information.

Health Articles or News: Seeing information about RA symptoms in articles, news, or social media.

Learn About Treatment Options

Social Influence: Suggestions or advice from friends or family who have experienced similar symptoms.

Educational Content: Targeted ads, emails, or health newsletters discussing RA treatments. Schedule an Initial Medical Consultation

Reminder Emails or Ads: Targeted online reminders from health platforms or insurance providers encouraging consultations.

Appointment Availability Alerts: Notifications from health apps or clinics about open appointments. Attend the Consultation

Calendar Reminders: Automated reminders on their phone or computer for the appointment.

Confirmation Messages: Text or email reminders from the clinic confirming the consultation date and time. Commitment and Long-term Self-care

Medication Reminders: Alerts from health apps or phone alarms for taking medications.

Community Support Interactions: Regular encouragement from RA support groups or online communities sharing progress and advice.

Journey map

PROMPTS

What internal or external triggers prompt the behavior?

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Internal Prompts

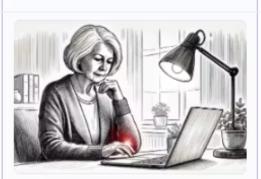
Precontemplation → Contemplation

Recognize the Need for Treatment



Contemplation → Preparation

Learn About Treatment Options



Preparation → Action

Schedule an Initial Medical Consultation



Action

Attend the Consultation



Action → Maintenance

Commitment and Long-term Self-care



Physical Discomfort: Persistent joint pain, stiffness, and swelling act as a recurring reminder.

Self-reflection: Realizing how the symptoms are affecting daily activities and quality of life. Increased Curiosity: A personal drive to learn more about RA and its impact.

Desire for Relief: The user's wish to alleviate discomfort and improve their situation Concern About Symptoms: Fear of worsening symptoms without medical intervention.

Sense of Responsibility: Realization that taking action could lead to improved health outcomes.

Anticipation of Diagnosis: Eagerness to understand what's happening and how to address it.

Commitment to Self-Care: A desire to actively work towards better health.

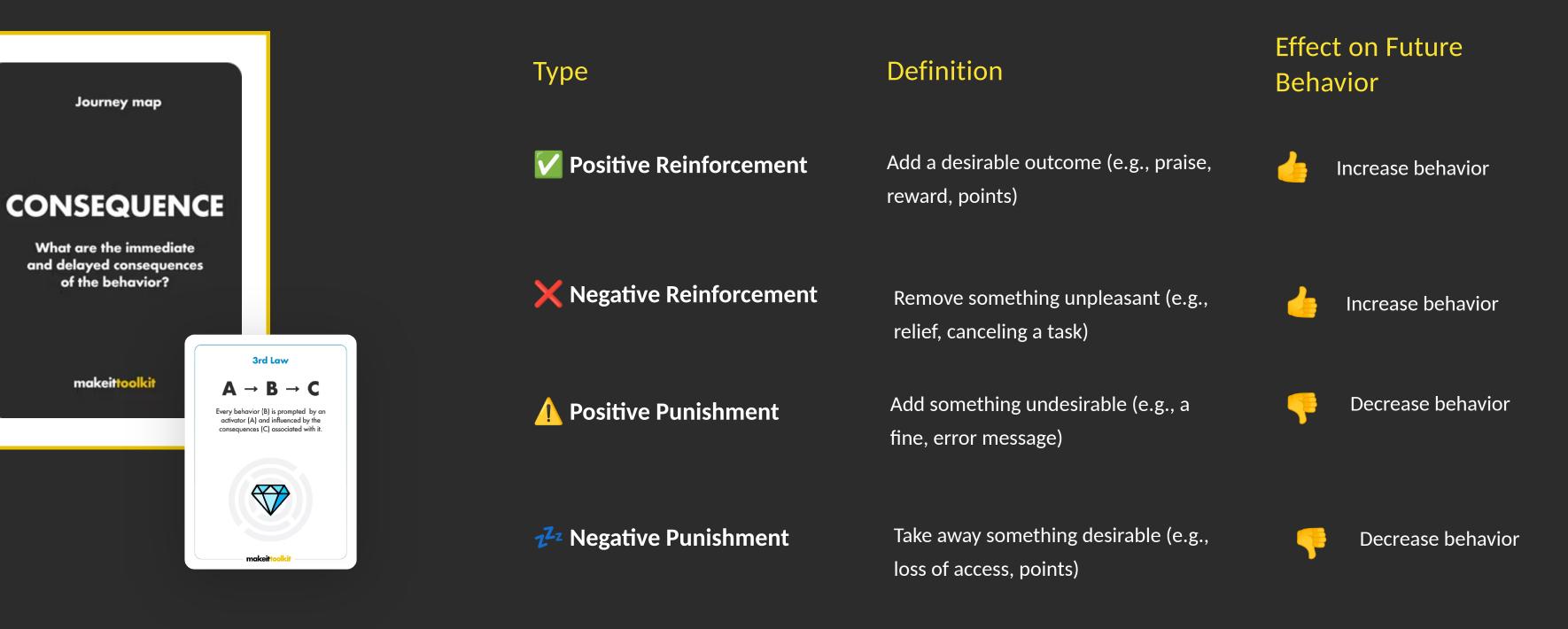
Desire for Symptom Relief: Motivation to reduce pain and improve mobility.

Health Goal Setting: Personal goals to sustain treatment for long-term improvement.

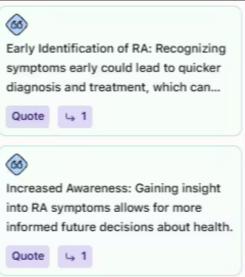


The Science: Why Consequences Matter

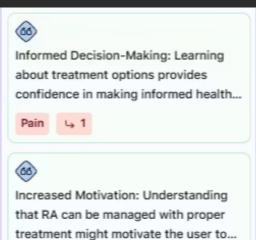
Consequences are powerful because they **shape whether a behavior gets repeated, avoided, or extinguished** over time. This principle comes directly from **Operant Conditioning** (B.F. Skinner), and it underpins reinforcement learning in both humans and AI.

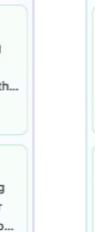


Positive









Increase

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4 2

After reading enough horror stories, gnosis and I panicked and booked a general doctor's appointment. I needed to know for sure.

ess to prof

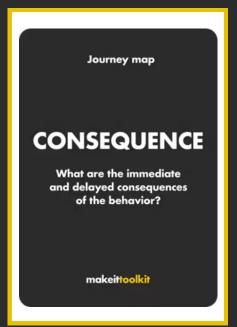
"I was a nervous wreck before, ending the but my doctor explained everything so well. I left feeling calmer, but also overwhelmed by all the treatment options."

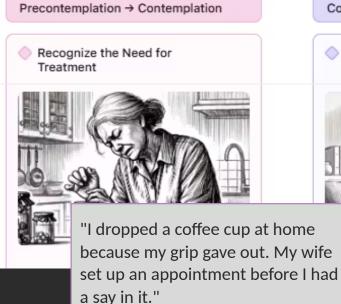
d Decision-Making: Learning reatment options provides nce in making informed health...

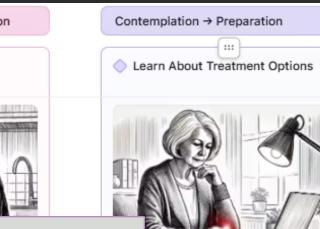
Assumption

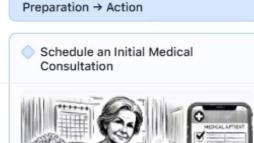
Increased Motivation: Understanding that RA can be managed with proper treatment might motivate the user to...

BeSci Assumption









Reassurance: Taking steps to see a

specialist may relieve some uncertainty

about symptoms and provide a sense...



Action

L 4

Attend the Consultation



Peace of Mind: Meeting with a doctor

anxiety and increasing confidence in...

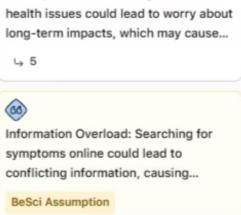
can clarify uncertainties, reducing

Action → Maintenance

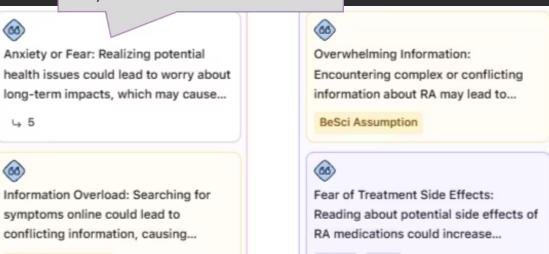
Commitment and Long-term Self-care



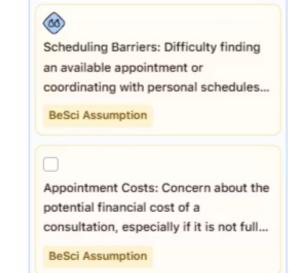
Negative

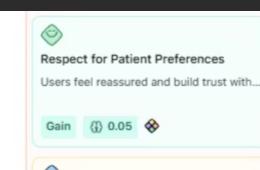


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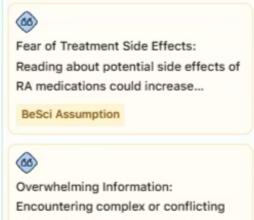


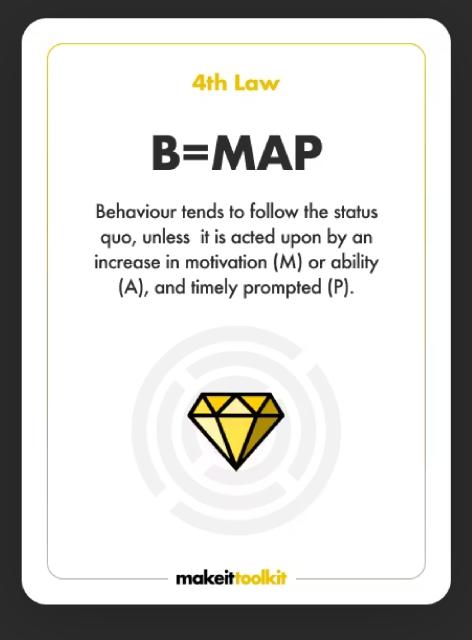
Quote 4 2



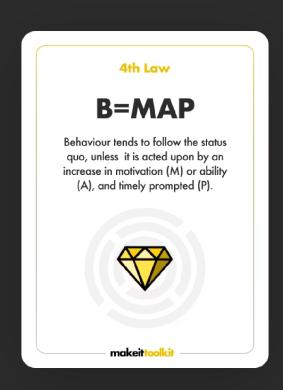


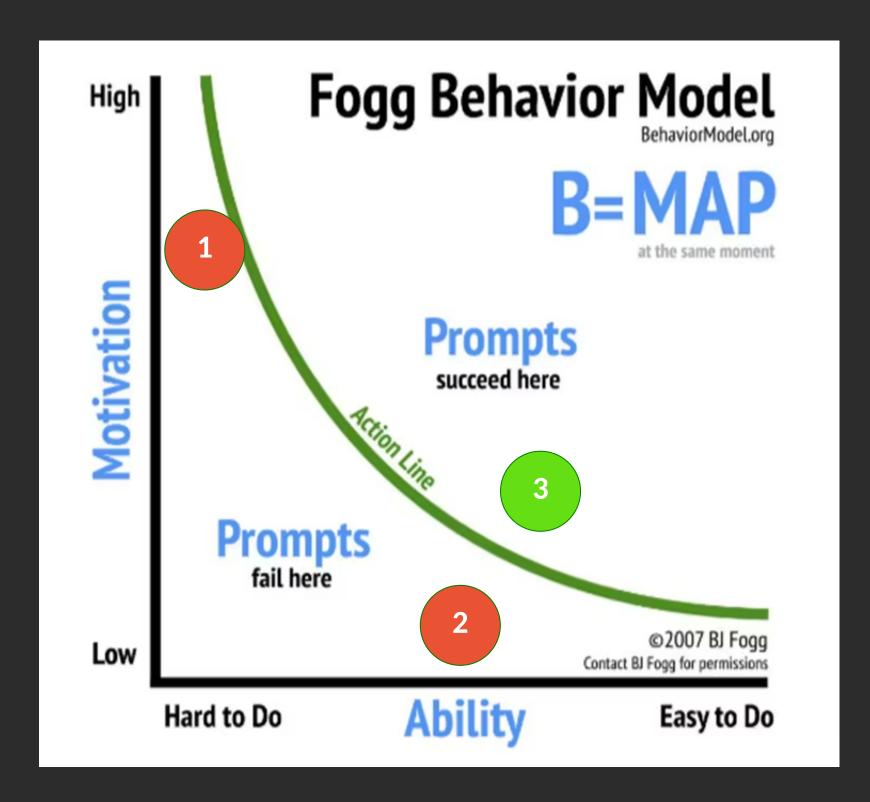






... identifying any obstacles or barriers to progress along the user journey.



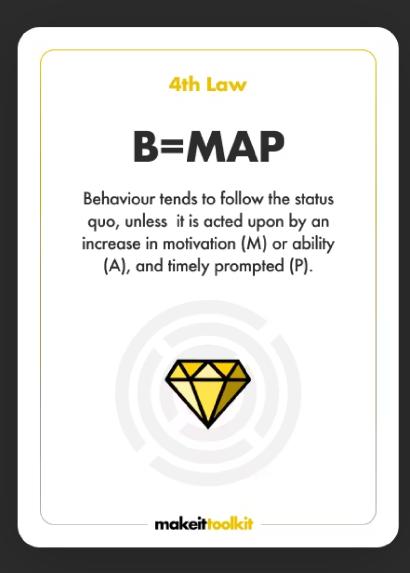


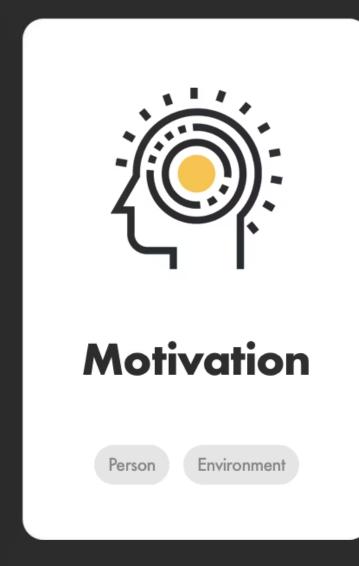
Rule 1: A person must be prompted (internal or external) to do the behavior.

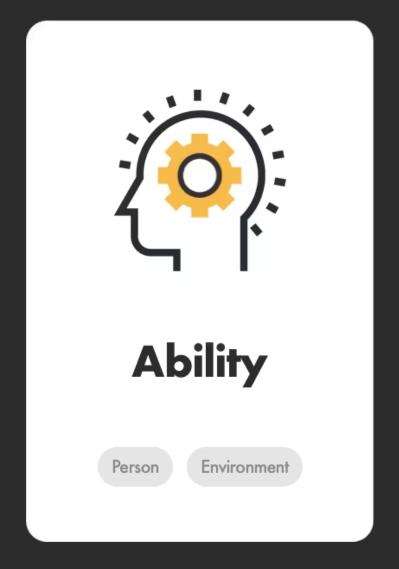
Rule 2: A person needs to be motivated to overcome the effort required to do the behavior.

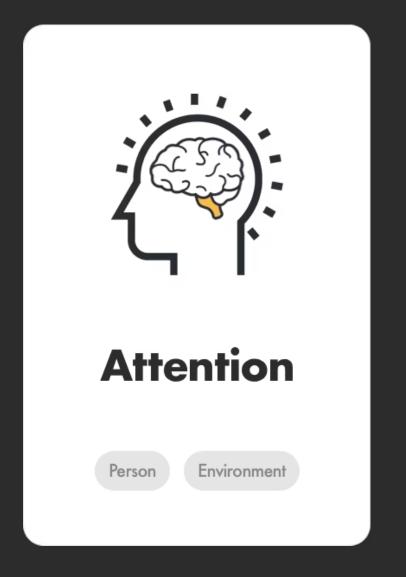
Rule 3: A person needs to be able to do the behavior.

Barriers to Progress



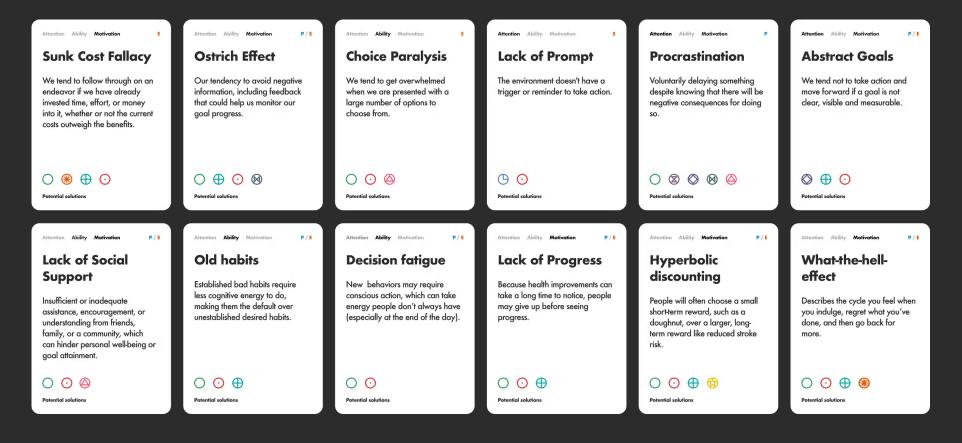






Barriers to Progress





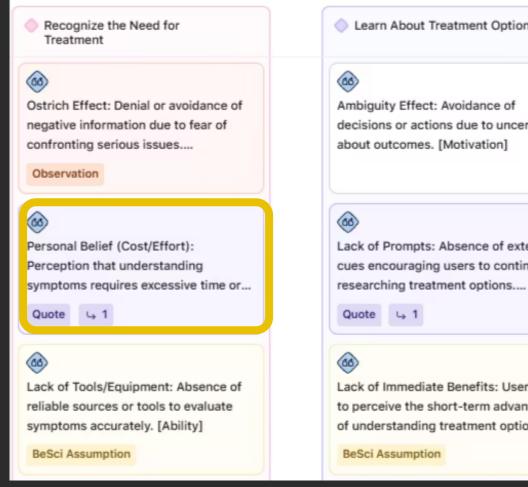
+ more!

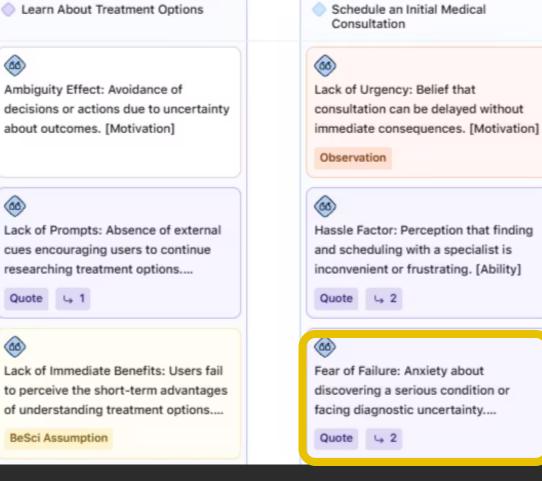
A database of 45+ behavioral barriers to progress.

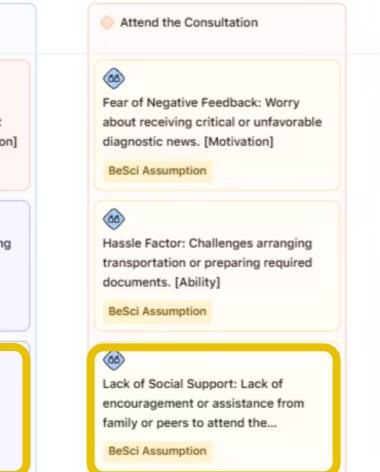
Barriers to Progress

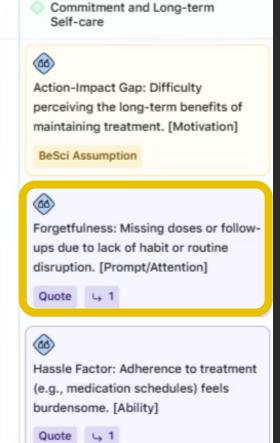












Design Intervention



A Design Intervention is a deliberate change or addition to an experience, product, service, or environment that aims to influence behavior, perception, or outcomes in a positive way.

It's a purposeful action taken by designers (informed by behavioral science), survey data, or customer research to solve a problem, remove friction, help people overcome barriers, encourage progress, or create impact.

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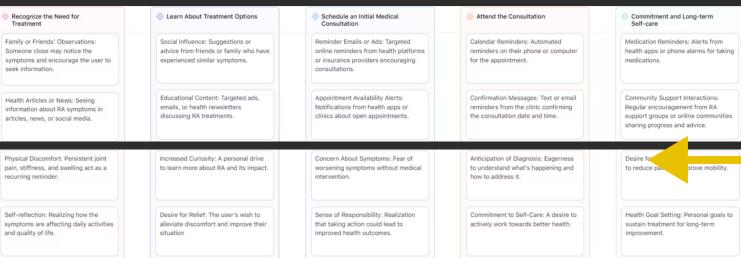
Articulated in the form of a Behavioral Design Hypothesis (more on that).

Behavioral Journey:

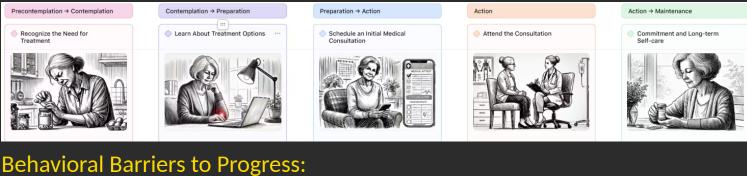
Rheumatoid **Arthritis Patient**

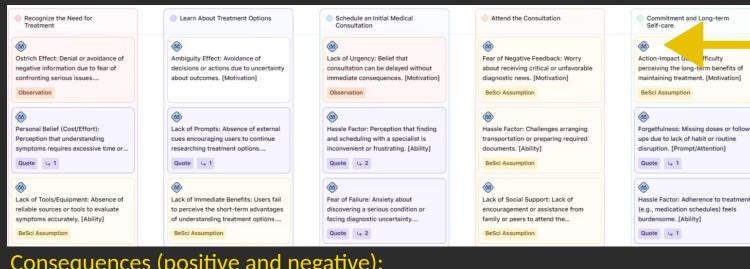


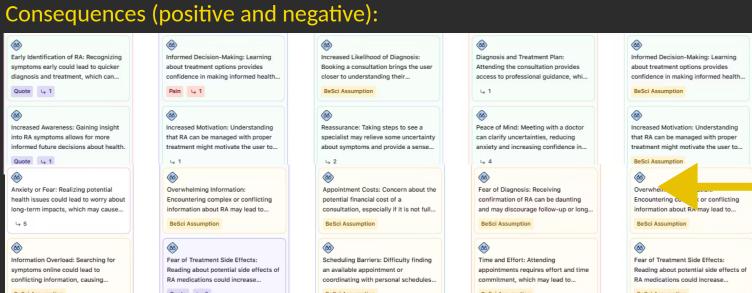
Prompts (external and internal):



The User Journey (sequence of user behaviors):







Design Interventions



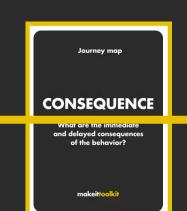
Antecedent Intervention: Involves setting up cues or prompts that activate the desired behavior.



Behavioral Intervention: Focuses on modifying the environment or the process to make the desired behavior easier to perform.

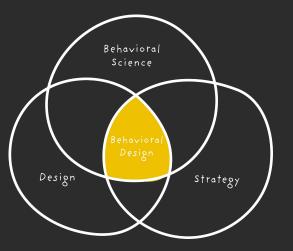


Overcoming specific Barriers to Progress utilizing the different make it Strategies and Tactics

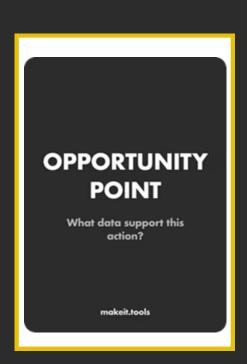


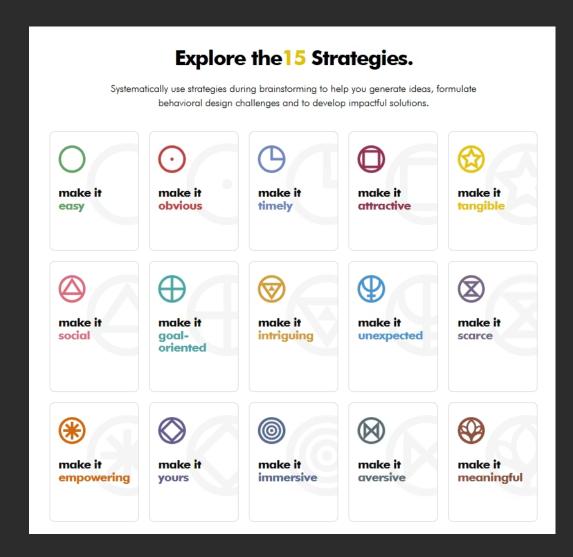
Consequential Intervention: identifying ways to modify the consequences of a behavior to reinforce its occurrence.





Behavioral Design interventions informed via Make it Toolkit powered Ideation and Concept Development.









Behavioural Design Hypothesis

If [we do this]

build ongoing social accountability and

ritualized check-ins

Design treatment

among [this user segment]

maintain their new behavior

Your target user

then [this will happen]

sustain their progress and reduce risk of relapse

Expected outcome

because [of this reason]

social reinforcement and symbolic rewards

Strategies used

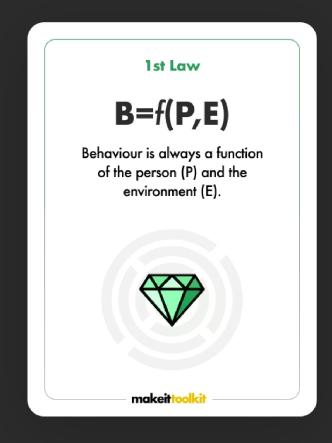




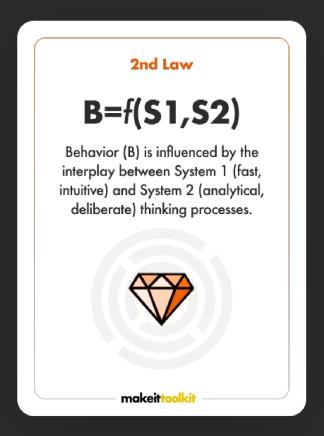


Tactics used

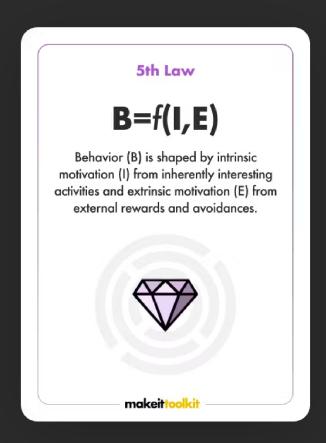
Other Behavioural Design Considerations



... in relation to both the person and the environment.



... understanding the type of decision involved



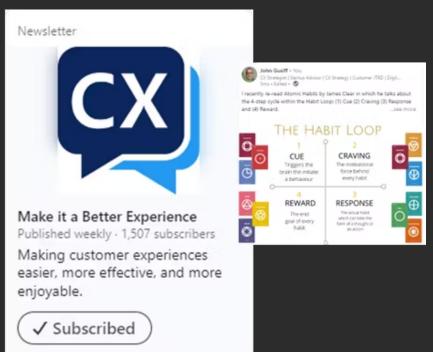
... in relationship to spectrum of motivation of the person

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Ways to Learn More



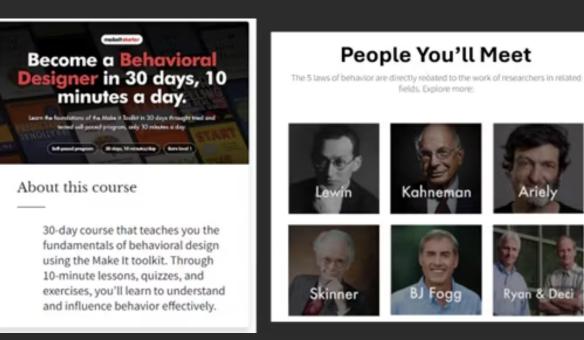
John Gusiff





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Al-powered Behavioral Design Sprint



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