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Habits That Stick

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Introduction

Every January, millions of us promise ourselves that “this is the year.” We buy the shoes, download the app, clear the pantry—and for a few weeks we’re all in. Then life crowds in. A sick kid, a deadline, a sore knee, a trip. Workouts slip, food decisions wobble, sleep shortens, and our motivation—so intense at the start—thins out. The plan didn’t fail because you lacked willpower. It failed because it wasn’t built to survive real life.

This book is different on purpose. *Habits That Stick* is a science-based blueprint to help you design, practice, and recover your way to durable routines in fitness, nutrition, and sleep—routines that hold up when life gets busy, stressful, or unpredictable. You’ll learn a practical framework, not a fad: we’ll blend behavior science with exercise physiology and nutrition fundamentals, then translate the best evidence into simple actions, worksheets, and a 90-day plan that you can adapt for years.

Here is the core framework you’ll use throughout the book:

- **Design:** Shape your environment and plan your week so the right choice becomes the easy choice. We’ll reduce friction, set smart cues, and prepare “if-then” options for travel, stress, and surprises.
- **Practice:** Start tiny, then scale. You’ll deploy micro-habits—actions so small they’re nearly impossible to skip—and stack them into robust routines. We’ll track just enough to learn, not enough to obsess.
- **Recovery:** Protect sleep, manage stress, and schedule rest. Recovery isn’t a reward you earn after working hard; it’s the foundation that makes progress possible and sustainable.

To see what this looks like in real life, meet Maya. At 43, she managed a busy project team, loved weekend hikes, and was exhausted most weekdays. Every spring she’d join a boot camp, push hard for four weeks, then burn out when her travel ramped up. When Maya tried this system, she started with one week of baselining: a 1-mile walk test, a simple strength screen, a three-day food log, and a sleep diary. Her first micro-habits were deliberately small: put workout clothes out the night before; a five-minute morning mobility routine; pack a protein-forward lunch three days a week; lights-out 20 minutes earlier. She walked at lunch twice a week, lifted twice a week with a short routine, and set a 3 p.m. reminder to stand, breathe, and reset. Twelve weeks later Maya wasn’t chasing motivation—she was following her system. Her mile time improved by 1 minute 18 seconds, she added 25 pounds to her combined major lifts, her afternoon energy returned, and she was sleeping about 45 minutes more most nights. Most important, the routine kept working during two trips and a crunch period at work because it was designed to bend, not break.

You don't need a perfect week to change your life. You need repeatable days. That's why this book pairs evidence with execution. You'll learn how habits form in the brain and how to use cues and rewards wisely. You'll learn how to prioritize protein and plants without counting every gram, how to build a time-efficient strength and cardio routine, how to protect your joints, and how to use sleep, breathwork, and active rest to feel and perform better. You'll also see what to do when you stall, travel, get injured, or just lose steam—because plateaus and disruptions are normal, not personal failures.

How to use this book:

- Read at a practical pace: one chapter every 2-3 days. That cadence lets you practice while you learn.
- Start with Chapter 2's baseline week before changing anything. Measurement clarifies what to change and how to track it.
- Choose two to three micro-habits from each of the early chapters and test them for a week. Keep what works; iterate what doesn't.
- Use the end-of-chapter "Key Takeaways," action steps, and quick worksheets. Most take 5-10 minutes and are designed to remove friction from your next decision, not add homework.
- Build toward Chapter 24's fill-in 90-day plan. Expect progress in 12 weeks and refinement in 24. The goal is a system you barely notice—because it fits.

A word on scope and safety: this is a general-education guide, not a substitute for personal medical advice. If you live with a medical condition, are pregnant or postpartum, or are returning from injury, involve your healthcare professional and use Chapter 17's guidance for scaling. Pain is a stop sign; discomfort from training is a dial we adjust thoughtfully.

Who this book is for: busy professionals, parents, and active older adults who want health that lasts; coaches, trainers, and clinicians who want a client-ready habit system; and anyone tired of the all-or-nothing cycle. If your schedule is unpredictable, if you travel, if your job is demanding, or if you've tried "perfect" plans that collapsed—this approach is built for you. The strategies here work not because they're extreme, but because they're sustainable, adaptable, and grounded in evidence.

What you'll find inside: clear explanations of habit loops and identity-based goals; simple strength and cardio programs you can do at home or in a gym; flexible meal templates and grocery lists at different budget levels; scripts for navigating cravings; mobility and pain-prevention basics; sleep protocols you can start tonight; troubleshooting checklists for plateaus; and a full 90-day calendar with weekly check-ins. You'll also meet real people through case studies—parents, shift workers, frequent travelers—so you can borrow what fits your life.

A few promises as you begin. First, we'll avoid absolutes unless the evidence is clear.

When research is mixed, I'll tell you and offer a prudent path forward. Second, we'll aim for minimum effective doses that compound: the smallest action that reliably moves you toward your goal. Third, we'll respect your context—your time, values, preferences, culture, and constraints. Fitness, food, and recovery should serve your life, not consume it.

Here is your simple starting plan for the next week: commit to a baseline, pick one micro-habit in each domain (move, eat, sleep), and set a cue you'll see. Lay out shoes or a mat tonight. Add one palm of protein and a fist of vegetables to your next meal. Set an alarm to start winding down 20 minutes earlier. Track your week with the provided template. At week's end, keep what worked, adjust what didn't, and add one more small step. That's the rhythm you'll repeat for the next 12 weeks.

If you've ever thought, "I just need more motivation," this book will offer a more reliable ally: systems. Systems survive bad days. They turn friction down and feedback up. They make healthy choices default and lapses temporary. By the time you reach Chapter 25, you'll have a maintenance blueprint and the confidence to expand your routine to fit new goals and seasons of life.

Your next 90 days won't be perfect. They don't need to be. What they can be is consistent, compassionate, and cumulative—a series of small, well-designed steps that add up to meaningful change. Turn the page. Let's build habits that stick.

CHAPTER ONE: The Neuroscience of Habit Formation

Martin awoke to the smell of coffee. He didn't remember grinding the beans or starting the machine. His hand found the mug without looking, and by the time he'd blinked away sleep he was halfway through a warm, familiar sip. It was automatic, a tiny piece of morning choreography he'd rehearsed thousands of times. Meanwhile, to exercise, he had to set his shoes by the door, pack a bag, and decide which workout to do. That still required effort. Coffee had become a habit. Exercise had not. This is the difference the brain cares about: routines that run on a whisper versus actions that demand a full attention shout.

Habits are the brain's way of saving energy. They offload repetitive behaviors from the conscious, slow-thinking part of your mind to the automatic, fast-thinking circuits that run quietly in the background. That switch isn't mystical; it happens in specific neural networks that respond to context, reward, and repetition. When a behavior reliably solves a problem—like coffee curing foggy mornings—your brain wires it into a loop so you can devote your limited attention to new challenges. This is why you can drive to work on autopilot, scroll your phone without deciding to, or find yourself in the pantry eating crackers you didn't plan to eat. Your brain is efficient, sometimes to a fault.

The classic model of a habit is a three-part loop: cue, routine, reward. The cue is a signal in your environment or internal state—your alarm tone, the 3 p.m. energy dip, the sight of your running shoes. The routine is the behavior—brewing coffee, lacing up, opening the snack drawer. The reward is the outcome that tells your brain, "This worked; do it again." The reward can be physiological (a rise in blood sugar, a release of dopamine), emotional (relief, comfort), or social (a nod from a friend). Over time, your brain starts to anticipate the reward when it sees the cue, and the loop strengthens until the routine becomes almost reflexive.

Neuroscientists trace this process through a loop that involves the prefrontal cortex, the basal ganglia, and the striatum. The prefrontal cortex is your executive: it sets goals, evaluates options, and initiates action. When you begin a new behavior, it's working hard. As repetition increases and the reward becomes predictable, the basal ganglia—a deep, evolutionarily old part of the brain—takes over. This area is sensitive to patterns and helps automate routines. The striatum receives dopamine, a chemical messenger linked to motivation and reward prediction, which flags the cue-routine-reward association as important and worth repeating. Eventually, the mere presence of the cue can prompt the routine without much conscious thought.

Cues are everywhere: the chime of a phone, the end of a podcast, the layout of your kitchen, the feeling of boredom, the time on the clock. Because the brain is a

prediction machine, it is constantly scanning for cues that have previously led to a payoff. If opening Instagram after a meeting once delivered a hit of novelty or relief, the end of a meeting can become a trigger. If your commute home reliably coincides with stress, that route can become a cue to stop for fast food. The good news: you can shape your own cues by rearranging context, which is why Chapter 4 will focus on environment design. Start by noticing your cues; you'll quickly discover patterns you didn't realize existed.

One helpful distinction is the difference between habits and routines. A routine is any sequence of actions; a habit is a routine that has become automatic. A simple way to assess whether something is a habit is to ask, "Do I do this without needing to decide?" and "Do I feel a pull toward it when the cue appears?" The more "yes" answers, the more ingrained the habit. Many people conflate habits with motivation. But motivation is a fluctuating emotional state. Automation is a neurological process. They overlap, but your system will be more reliable when you design for automation and treat motivation as a bonus, not a requirement.

Consider a basic, practical example: flossing. Research by Wendy Wood and colleagues has shown that people who floss daily tend to do it in the same place, in the same order, right after brushing (Wood & Neal, 2016). They don't rely on daily pep talks. They rely on context. The cue (finishing brushing) triggers a well-practiced motion (pulling out the floss) and a reward (the clean-teeth feeling). The friction is low because floss is in sight or within reach, and the reward is immediate. The behavior is tiny, predictable, and anchored to an existing routine. If you've struggled to make a health behavior stick, this trio—low friction, consistent cue, immediate reward—is the template you'll use repeatedly in this book.

Your brain also learns through "chunking," a process where it compresses a sequence of steps into a single move. When you first learn a kettlebell swing, it's awkward: you think about foot position, hinge depth, grip tension. After dozens of reps, the movement becomes a chunk. The cue (seeing the kettlebell) triggers a fluid sequence. The same happens with nutrition habits. Initially, deciding what to cook at 6 p.m. feels like a project. After a few weeks of using a template—like grilling a protein, roasting vegetables, and adding a sauce—it becomes a chunked routine that feels simple. The brain stops reinventing the wheel and starts cruising on pre-carved grooves.

Neuroplasticity is your ally. The brain changes with experience: neurons that fire together, wire together. This phrase can sound like a slogan, but it captures a real process called long-term potentiation. When you consistently pair a cue with a behavior and a reward, the synaptic connections supporting that loop strengthen. But plasticity cuts both ways. When you stop using a loop, those connections weaken through a process called synaptic pruning. That's why some habits fade when you change your environment or travel. It's not that you've failed; it's that the cues and rewards that maintained the loop are missing. You can reestablish them by rebuilding

context wherever you are.

There is a critical role for the prefrontal cortex even in established habits: it still monitors outcomes. If a routine stops delivering the expected reward—your afternoon walk no longer relieves stress because you’re ruminating—the loop can weaken. This is where feedback comes in. A good habit system doesn’t rely on blind repetition. It invites small adjustments. You’ll notice what still works, tweak what doesn’t, and keep the loop honest. As you’ll see in later chapters, simple tracking provides that feedback without turning your life into a spreadsheet, keeping your prefrontal cortex informed and your basal ganglia efficient.

Context shapes behavior more than most people realize. Classic studies on habit strength in real-world settings show that simple environmental cues predict actions more reliably than personality traits or stated intentions (Wood & Neal, 2016). When people were given a new habit—like drinking water with lunch—they stuck with it when a visible cue was present (a bottle on the table) and they performed it at the same time each day. This is why laying out your shoes matters. It’s not motivational theater; it’s neural stagecraft. You’re creating a cue that makes the desired behavior the path of least resistance.

The process of habit formation follows a predictable time course. Early on, you’re in the “cognitive” phase: you’re thinking through each step. That’s normal and effortful. With repetition, you enter the “associative” phase: the movement gets smoother, errors drop. Finally, the “autonomous” phase: the behavior runs with little oversight. The number of reps needed varies with complexity. Brushing your teeth might be automatic after a week; a barbell deadlift may take months. The key isn’t a magic count of days; it’s consistent repetition in a stable context. Aim for small wins that you can repeat daily rather than heroic sessions you can’t sustain.

Rewards need to be timely and salient for the brain to tag a behavior as worth repeating. If the payoff is distant—like health benefits years away—the loop is weak. To strengthen new habits, we often add “celebrations” or immediate signals that the task is complete. A checkmark on a tracker, a short word of praise, a moment of relief, or even a fist pump can work. It may feel silly, but a quick internal “nice” right after a micro-workout is a form of self-delivered reward. When paired with the behavior, it increases the chance that your brain will seek that behavior again when the cue appears.

Cravings complicate and amplify habit loops. They are anticipatory states driven by dopamine’s signal that a reward is available. If you usually eat cookies at 8 p.m., the clock can become a cue that triggers a craving before any cookie is in sight. Cravings can be useful when they point you toward desired behaviors (“I crave the feeling after a walk”) and problematic when they attach to short-term hits that undermine long-term goals. Understanding that cravings are part of the loop—not moral failings—helps

you design strategies to redirect them, like swapping in an alternative routine that still satisfies the underlying need (stress relief, social connection, sensory pleasure).

Perhaps the most practical insight from habit neuroscience is this: you rarely need to fight urges head-on. Instead, change the cue, adjust the routine, or make the reward less immediate and damaging. If your evening TV is a cue for mindless snacking, you might change the cue (no snacks in the living room), adjust the routine (tea instead of chips), or change the reward (a short stretch instead of the snack). Chapter 15 will dig into craving strategies, but the basic principle is already visible: habits respond to context. When you stop relying on willpower and start shaping context, the behavior often follows.

Two patterns often trip people up. First, “habit competition”: multiple behaviors vie for the same cue. If your morning alarm is a cue to both meditate and scroll, the easier, more rewarding behavior usually wins. Second, “context collapse”: when life changes disrupt cues. A new job, a new apartment, a new baby—these shift the context and can break loops. Expect this. Plan for it. The goal of this book is not to build rigid habits that shatter when life bends; it’s to build flexible loops that can be rebuilt quickly in new contexts. That adaptability is the hallmark of habits that stick.

Case in point: Leo, a consultant who traveled weekly, struggled to maintain any exercise routine. He realized his cue to train—his gym’s layout and set schedule—disappeared on the road. We designed a portable loop. The cue became landing at a hotel and plugging in his phone; the routine was a room-based micro-circuit (push-ups, split squats, planks) that took ten minutes; the reward was a checkmark in his habit app and a hot shower. In interviews with clients who’ve sustained routines for years, this pattern repeats: they build simple loops that survive the worst week. Automation starts in the brain, but it thrives in environments that repeat the same cue and deliver a reliable reward.

What this means for you: before you try to force a new behavior, get curious about the loops you already have. Identify a behavior you want to change, write down the likely cue, routine, and reward, and consider how to adjust one piece of the triangle. Maybe the routine is too big; shrink it. Maybe the cue is missing; add one. Maybe the reward is delayed; make it immediate. That small experiment will teach you more than another motivational speech. And it fits the brain’s learning style: test, reward, repeat.

Science snapshot: There’s no universal “21 days” rule for habit formation. In one widely cited study using smartphone data, the average time to reach automaticity ranged from 18 to 254 days, depending on the complexity and the consistency of the behavior (Lally et al., 2010). Simpler actions took less time; irregular or complex routines took longer. What mattered most was repetition in context, not a calendar milestone. This is empowering: you’re not failing if it takes longer; you’re building a neural path that needs mileage. Focus on continuity, not speed.

Another piece of evidence: the basal ganglia's role in habit automation has been mapped in animal and human studies. As tasks become well-learned, control shifts from cortical regions that rely on conscious intention to subcortical regions that run on autopilot (Yin & Knowlton, 2006). This explains why you can perform a familiar sequence—like a morning coffee routine—while thinking about a work problem. It also explains why changing an entrenched habit can be hard: the loop is running without your permission. But because plasticity endures, you can overlay new loops by restructuring context and reinforcing new rewards.

A note on dopamine: it's often mischaracterized as the "pleasure chemical." It's more accurately a "learning chemical" that flags what's worth paying attention to. When you get an unexpected reward, dopamine spikes; when a reward is predicted by a cue, the spike shifts to the cue. That's why anticipation can feel so strong. If you're trying to build a habit, this mechanism is your friend. Make the cue noticeable, the routine simple, and the reward immediate and consistent, and dopamine will reinforce the loop. If you're trying to break a habit, make the cue subtle or absent, and the routine more effortful or less rewarding.

A quick story from an exercise physiologist I interviewed: she works with busy parents who say, "I can't do a 45-minute workout anymore." She doesn't argue. She asks them to set a timer for five minutes and do one set of a compound movement whenever the coffee machine beeps. It's a tiny loop—beep, squat, smile. The beep becomes a reliable cue; the micro-squat is the routine; the smile is a celebration reward. After a few weeks, many of them simply add another set or extend the time because the loop is already in place. This approach respects the brain's preference for consistency and low friction.

Context also mediates stress. Under stress, the prefrontal cortex can go offline, making "good choices" feel impossible. But habits remain relatively stable because they're less reliant on executive control. If you've pre-packed a lunch and set a cue to eat it at noon, you're more likely to do so even when the day goes sideways. That's the beauty of designing systems before the storm. You don't need to be a disciplined saint at 3 p.m.; you just need a loop that was put in place when you were calm and rational.

One more nuance: identity. When your behaviors align with how you see yourself—"I'm the kind of person who moves daily"—the loop gets reinforced by self-concept. Identity is discussed more in Chapter 3, but it's relevant here because it influences which cues you notice and which rewards you value. If you identify as someone who cares for their body, you're more likely to perceive your shoes by the door as a cue rather than clutter. The brain's habit machinery doesn't operate in a vacuum; it's tethered to the stories we tell ourselves. Choose a story that makes the loop easy to follow.

To build habits that stick, start by mapping one loop you want to create or change. Keep it small. For example, “drink water every morning.” The cue might be “finish brushing teeth.” The routine might be “fill and drink one glass.” The reward might be “check the box on the fridge.” Write it down. Try it for a week. Notice how the brain responds: when the cue is consistent and the reward is immediate, the behavior starts to require less effort. That’s the signal you’re building automation, not just relying on willpower.

In the chapters ahead, you’ll learn how to measure your baseline, design your environment, stack tiny actions onto existing routines, and refine using feedback. But the mental model you’ll return to again and again is this triangle: cue, routine, reward. If a new habit feels sticky, the triangle is probably well-formed. If it’s slipping, one of those pieces is weak. Your job isn’t to become superhuman; it’s to become a skilled habit designer who uses the brain’s wiring to your advantage. And it starts with noticing the coffee you’re already drinking without thinking—and building loops that are just as effortless in the direction you want to go.

Key Takeaways

- Habits form when a cue reliably triggers a routine that leads to a predictable reward. The brain then wires this loop to run on autopilot to save energy.
- The neural loop involves the prefrontal cortex (initiation), the basal ganglia and striatum (automation and reward processing), and dopamine (learning what’s worth repeating).
- Cues are powerful: the context of your environment, time of day, and emotional state often predict your behavior more than your intentions do.
- Rewards need to be immediate and salient to reinforce a loop. Distant health benefits are weak reinforcers; add small, immediate “celebrations” or signals of completion.
- Habit formation isn’t instantaneous; repetition in a stable context matters more than a calendar deadline. Simple actions can automate quickly; complex actions take longer.
- Changing habits often works best by altering the cue or the routine rather than relying on motivation or willpower. Context design beats internal resolve.
- Expect context changes (travel, stress, schedule shifts) to disrupt loops. Plan portable cues and small “minimum viable routines” to maintain consistency.

Action Steps

- Identify one behavior you want to make automatic. Write down the likely cue, routine, and reward for it today. Keep the language specific (time, place, action).
- Add a visible cue to your environment for the next seven days. Place the cue where you cannot miss it (shoes by the bed, water bottle on the desk, floss next to the toothbrush).
- Shrink the routine to a minimum viable size. Aim for one to two minutes or a single, simple set so you can repeat it daily.
- Choose an immediate reward. Options: a checkmark on a paper tracker, a small internal celebration (“Nice”), a short stretch, or a moment of quiet pride

- after finishing.
- Repeat at the same time or directly after an existing habit for seven days. Do not skip two days in a row; if you miss a day, resume immediately the next day without extra reps or guilt.
- Notice what happened. At the end of seven days, rate on a 1-5 scale how automatic it felt and whether the cue, routine, or reward needs adjustment. Pick one element to tweak for the next week.

One-Week Micro-Plan: The Cue-Routine-Reward Test

Pick one behavior you want to become a habit. Fill in the blanks on paper or in a note app:

- Behavior: _____
- Cue (time, place, existing habit, or device): _____
- Routine (the smallest version you'll do daily): _____
- Reward (immediate and easy): _____
- Environment tweak to make the cue obvious: _____

Daily check-in (use an X or a note):

- Day 1: [] Did the cue appear? Did you do the routine? Reward given?
- Day 2: [] Notes on what worked or didn't:
- Day 3: [] Notes:
- Day 4: [] Notes:
- Day 5: [] Notes:
- Day 6: [] Notes:
- Day 7: [] Notes:

End-of-week adjustment: Is the cue clear? Is the routine small enough? Is the reward immediate? Write one change you'll make for next week.

References

- Lally, P., van Jaarsveld, C. H. M., Potts, H. W. E., & Wardle, J. (2010). How are habits formed: Modelling habit formation in the real world. *European Journal of Social Psychology*, 40(6), 998-1009. <https://doi.org/10.1002/ejsp.674>
- Wood, W., & Neal, D. T. (2016). Healthy through habit: Interventions for initiating and maintaining health behavior change. *Behavioral Science & Policy*, 2(1), 63-72. <https://doi.org/10.1353/bsp.2016.0012>
- Yin, H. H., & Knowlton, B. J. (2006). The role of the basal ganglia in habit formation. *Nature Reviews Neuroscience*, 7(6), 464-476. <https://doi.org/10.1038/nrn1919>
- Schultz, W. (2015). Dopamine reward prediction error coding. *Dialogues in Clinical Neuroscience*, 17(1), 23-32. <https://doi.org/10.31887/DCNS.2015.17.1/wschultz>

Quick Start: Habit Loop Mapping Worksheet

Use this simple map to design your first micro-habit this week. Copy it for future

behaviors.

1) The behavior I want to make automatic: 2) What happens right before this behavior now (current cue)? 3) What new cue will I attach this to (time, place, existing habit)? 4) What is the smallest routine I can do (1-2 minutes or one simple set)? 5) What immediate reward will I use (checkmark, celebration word, stretch, sip of something pleasant)? 6) What environmental tweak will I make to cue this (visible note, object placement, app reminder)? 7) For the next 7 days, I will do this at [time/after existing habit]: 8) Notes each day about what helped or hindered: 9) At the end of 7 days, my one adjustment will be:

Interview Snapshot: Behavior-Change Psychologist

“People think they need to push harder when they miss a day,” a behavior-change psychologist told me. “That’s usually backwards. The fix is usually in the cue or the routine size. If you’re missing the gym after work, don’t double down on motivation. Set a cue at lunch—put your gym shoes in your car. Then shrink the routine: 10 minutes in the gym is a win. When that’s automatic, add time. The brain likes progress, not punishment.”

Chapter Summary Checklist

- I understand the cue-routine-reward loop and how it relates to my brain’s energy-saving wiring.
- I have identified one habit I want to automate and written its loop.
- I’ve created an obvious cue in my environment for the next seven days.
- I’ve chosen a tiny routine and an immediate reward.
- I’ve set a specific time or existing habit to anchor the new behavior.
- I have a plan for a 7-day check-in and one adjustment at the end.

Chapter One: Works Cited and Further Reading

- Graybiel, A. M. (2008). Habits, rituals, and the evaluative brain. *Annual Review of Neuroscience*, 31, 359–387.
<https://doi.org/10.1146/annurev.neuro.29.051605.112851>
- Lally, P., van Jaarsveld, C. H. M., Potts, H. W. E., & Wardle, J. (2010). How are habits formed: Modelling habit formation in the real world. *European Journal of Social Psychology*, 40(6), 998–1009. <https://doi.org/10.1002/ejsp.674>
- Schultz, W. (2015). Dopamine reward prediction error coding. *Dialogues in Clinical Neuroscience*, 17(1), 23–32.
<https://doi.org/10.31887/DCNS.2015.17.1/wschultz>
- Wood, W., & Neal, D. T. (2016). Healthy through habit: Interventions for initiating and maintaining health behavior change. *Behavioral Science & Policy*, 2(1), 63–72. <https://doi.org/10.1353/bsp.2016.0012>
- Yin, H. H., & Knowlton, B. J. (2006). The role of the basal ganglia in habit formation. *Nature Reviews Neuroscience*, 7(6), 464–476.
<https://doi.org/10.1038/nrn1919>

Optional: Simple Habit Loop Diagram

Imagine this as a circular loop drawn on a page; you can sketch it in your notebook:

[CUE] → [ROUTINE] → [REWARD] ↑ ↓ _____

This is the same loop repeated in your daily life for both helpful and unhelpful habits. Your job is to make the loops you want as efficient as the one that brews your morning coffee.

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