THE 46 RULES OF GENIUS

An innovator's guide to creativity

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MARTY NEUMEIER
In honor of
Saul Steinberg
and
E.B. White
WHAT IS A GENIUS?

To most people, a genius is someone with a towering IQ—say 140 points or higher. This is simplistic. A genius is more than that, but also less. In practice it only takes an IQ of 125 to become a genius. What you need beyond that is a facile imagination and the skills to apply it, driven by a passionate will toward a focused goal.

A genius doesn’t start out as a genius at everything but a genius at something. For example, you can be a genius at molecular biology, or a genius at reading people’s feelings. You can be a genius at programming software, or a genius at broken-field running. This puts genius-hood within the reach of nearly everybody. Over time, a genius may connect several somethings into a semblance of everything, but this is optional in the definition of genius.

In my recent book Metaskills, I laid out five talents we’ll need to thrive in an age of increasing man-machine collaboration. These talents, which I’ve called metaskills, are feeling, or empathy and intuition; seeing, or systems thinking; dreaming, or applied imagination; making, or design talent; and learning, the ability to acquire new skills. None of these needs a high IQ. What they need is a high regard for creativity. The rules in this book
are creative rules. They’re general guidelines to help you envision, invent, contribute, and grow.

Then what’s a genius? Here’s my working definition: A genius is any person who turns insight into innovation, and in the process changes our view of the world. In other words, it’s someone who takes creativity to the point of originality. The philosopher Arthur Schopenhauer said it best: “Talent hits a target no one else can hit; genius hits a target no one else can see.”

The rules in this book are as timeless as they can be. None of them are new, yet they can help you create something new. Michelangelo didn’t invent the hammer and chisel, but by using these tools he sculpted the Pietà. Just as you can’t shape a block of marble with your bare hands, you can’t shape ideas with your bare mind. You need rules. Rules are the tools of genius. Use them when they help; put them aside when they don’t.

I’ve purposely written a concise book. Most of the creative people I know are consumed by their projects, and reading a long book is a luxury they can’t always afford. So here’s a slim volume with bite-size advice. You can reach into it randomly, underline its salient points, return to the rules as needed.
I make no claims of completeness for *The 46 Rules of Genius*. Instead, I've chosen to focus on the principles most often ignored, forgotten, or heedlessly broken. It starts with some advice on strategy—or how to get the right idea. It continues with practical tips on execution—how to get the *idea right*. From there it moves to building your creative skills over time, and finally to putting your brilliance to work in the larger world.

Caution: *The 46 Rules of Genius* is not for everyone, for the simple reason that not everyone can be a genius. This is not usually a failing of native intelligence. It's more likely a lack of a) will, or b) skill. I presume you have a good supply of a), or you wouldn’t have this book in your hand. As to b), you’ll need a little help—and a healthy appetite for work. Happily, work is not really work when you’re investing in what you love.

My fondest wish is that you’ll combine the desire you already have with these time-tested principles to ignite an endless cycle of creative growth: your desire will drive your learning, and your learning will fuel your desire. This is the magic that makes a genius. If you accept this as a central premise, the rest will follow.

—Marty Neumeier
CONTENTS

Part 1 How can I innovate?
   Rule 1: Break the rules 15
   Rule 2: Wish for what you want 16
   Rule 3: Feel before you think 18
   Rule 4: See what's not there 21
   Rule 5: Ask a bigger question 23
   Rule 6: Frame problems tightly 26
   Rule 7: Think whole thoughts 28
   Rule 8: Stay in the dragon pit 31
   Rule 9: Approach answers obliquely 33
   Rule 10: Wait for the jolt 36
   Rule 11: Use beauty as a yardstick 38

Part 2 How should I work?
   Rule 12: Design quickly, decide slowly 44
   Rule 13: Use a linear process for static elements 46
   Rule 14: Use a dynamic process for reactive elements 48
   Rule 15: Work to an appropriate structure 52
   Rule 16: Express related elements in a similar manner 54
   Rule 17: Match form to function, function to form 56
   Rule 18: Don't be boring 58
   Rule 19: Put the surprise where you want the attention 62
   Rule 20: Apply aesthetics deliberately 64
   Rule 21: Visualize with sketches, models, or prototypes 66
   Rule 22: Embrace messiness 67
   Rule 23: Test your ideas in realistic situations 70
   Rule 24: Simplify 72
Part 3  How can I learn?
Rule 25 : Learn how to learn  79
Rule 26 : Start with curiosity, not belief  83
Rule 27 : Do your own projects  84
Rule 28 : Keep a hero file  86
Rule 29 : Invest in your originality  88
Rule 30 : Learn strategically  92
Rule 31 : Shore up your weaknesses  94
Rule 32 : Spend long hours in the joy zone  97
Rule 33 : Make educational mistakes  98
Rule 34 : Seek instructive criticism  102
Rule 35 : Fuel your passion  104
Rule 36 : Develop an authentic style  106
Rule 37 : Practice  110

Part 4  How can I matter?
Rule 38 : Overcommit to a mission  116
Rule 39 : Stay focused  119
Rule 40 : Follow through  122
Rule 41 : Do good design  124
Rule 42 : Build support methodically  126
Rule 43 : Don't blame others  130
Rule 44 : Join a network  133
Rule 45 : Become who you are  136
Rule 46 : Make new rules  140

About the author  143
There is no great genius without a mixture of madness.

–Aristotle
One of the skills that separates a leader from a follower is the ability to see what might be, but so far isn’t. Most people can see what’s already there. You don’t need magic glasses to see that the Eiffel Tower is a popular tourist destination, or that the area of a rectangle is the product of its height and width, or that millions of people will pay extra for a fancy cup of coffee. But you do need magic glasses to see what’s still missing from the world, since by definition what’s missing is invisible.

The trick is to notice what artists and designers call negative space. It’s the plain background of a painting, the white space on a printed page, the silence between lines of a play, or the rests within a musical score. In the world of art, these are purposeful elements of composition. In the marketplace, these are crevices that harbor opportunity.

Try these three techniques for discovering the negative space in a marketplace, a problem, or a situation.

*Sift through threats for hidden possibilities.* Every threat carries with it the potential for innovation. The problem of obesity contains the possibility of new kinds of nutrition. The problem of global pollution contains the possibility of new energy
sources. The problem of high unemployment contains the possibility of new educational models. The list is endless, if you can learn to see what’s not there.

*Examine sectors for uneven rates of change.* The future is already here, goes the saying—it’s just distributed unevenly. Look for areas that have changed, then look for similar or adjacent areas that haven’t changed. Search for pockets of resistance to successful new ideas. Chances are, it’s only a matter of time before change comes. Why not be the catalyst?

*Imagine how a growing trend might affect an established norm.* Make a list of nascent and dominant trends, then mentally apply them to industries, businesses, and activities that haven’t changed for a long while. What will the trend toward organic farming mean for fast-food restaurants? What will mobile payments do to retail shopping habits? How might nanotechnology change the energy market? How will always-on computing change the college experience?

To find out what’s not there, look for the job *not* done, the road *not* taken, the product *not* made. These are the magic glasses that let you see the invisible and conceive the inconceivable.