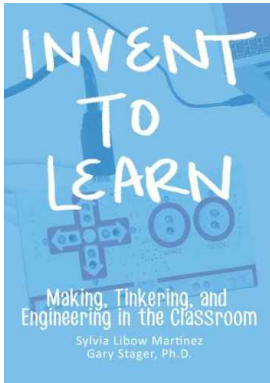


Invent To Learn: Making, Tinkering, and Engineering in the Classroom



Invent To Learn: Making, Tinkering, and Engineering in the Classroom

CB-39677

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4/5 From 456 Reviews

Sylvia Libow Martinez, Gary S. Stager

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4 of 4 people found the following review helpful. This book has blown my mind open from the moment ...By Jamie GlowackiThis book has blown my mind open from the moment I picked it. And in the week that I've had it, I've been unable to put it down. Having the luxury of being a homeschooling family, I know we are not subject to the same types of learning as in the typical classroom. Yet, I find my institutional buttons being pressed all time. Is he learning? EEK. We need to do more worksheets! To be fair, the authors brought what's in my heart to life. So I wasn't starting from ground zero as far as the philosophy. This book just pushed me over the edge into full blown constructivism. In just 2 days of going to a maker model with my son, we are both PUMPED about learning and making and tinkering. I honestly think this book is life changing. I don't have enough words of praise and thanks!4 of 5 people found the following review helpful. Makes a good case for the "why" of developing a maker-space in school, but leaves a lot to be desired regarding the "how".By Christopher T. DahleIf you are trying to convince your administrator or school board to assist your effort to incorporate "Making, Tinkering, and Engineering in [your] Classroom", then this is a good book to have in your arsenal. In fact, I'd recommend you purchase a hardcover copy and lend it strategically to the decision makers in your school. But if you are already convinced of the value of building a maker space, or tweaking an existing school shop in a STEAM-ier direction, have school support for that effort and just need guidance to equip your space and develop curriculum, probably you need something else.Still, this is a great book to have on the shelf if you need to talk with skeptics who think school needs to be all about preparing for the PARCC or SMARTER assessments. Read this, read Shop Class as Soulcraft, and subscribe to Make Magazine, and you will be well equipped to explain that what the 21st century workforce really needs is to be able to handle a soldering iron, program an Arduino, carve a plaque with a CNC laser, and 3d print a dog whistle, and explain it all with calculus. Table saw. lathe and MIG welding skills won't hurt either.

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