



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

📖 BOK-12006

DESCRIPTION

DOCUMENTS

Join the learning revolution sweeping the globe! 3D printers, robotics, programming, wearable computing, and Arduino capture the imaginations of today's student. When exciting new technologies combine with hands-on traditions, your classroom becomes a maker-space where learning soars.

Using technology to make, repair, or customize the things we need democratizes engineering, design, and computer science. Fortunately for educators, this maker movement overlaps with the natural inclinations of children and the power of learning by doing. Making, tinkering and engineering are how people learn and work in the twenty-first century.

This book explores how you can join the exciting maker movement and turn any K-12 classroom into a center of innovation.

Info:

- Author: Sylvia Libow Martinez & Gary S. Stager, Ph.D.
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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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