

Download 3 D Engineering Design And Build Practical Prototypes Build It Yourself

3-D Engineering, written by Vicki V. May, contains 25 challenging and fun projects for students to design and build their own prototypes. This book uses an engineering design process that focuses on identifying goals, asking questions, brainstorming ideas, testing prototypes, and identifying problems. Creating prototypes is a key step in the engineering design process and prototyping early in the design process generally results in better processes and products. 3D Engineering gives kids a chance to figure out many different prototypes, empowering them to discover the mechanics of the world we know. Find helpful customer reviews and review ratings for 3-D Engineering: Design and Build Practical Prototypes (Build It Yourself) at Amazon.com. Read honest and unbiased product reviews from our users. Vicki V. May holds a BS in engineering from the University of Minnesota and MS and PhD degrees in engineering from Stanford University. She is a professor at the Thayer School of Engineering at Dartmouth College and is also involved in various outreach projects that bring the challenge of engineering to middle and high school students.