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Titolo	If you build it, they will learn [[electronic resource]] : 17 devices for demonstrating physical science // by Bruce Yeany
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Nota di contenuto	Table of Contents; Preface; Introduction; 1 Galileo's Track; 2 Can You Top This?; 3 Inertia Block; 4 Resonant Pendulums; 5 Hero's Fountain; 6 String Racers; 7 Solar Motor; 8 Weigh Your Cans; 9 Balanced Breakfast Box; 10 Heavy Foam; 11 Mystery Boxes; 12 Balloon in a Bottle; 13 Hot, Warm, or Cold?; 14 What Color Is Inside?; 15 Gum Wrapper Thermostat; 16 Simple Motor, Two-Coil Motor; 17 Lightbulbs; Appendix A Resources; Appendix B Research Review
Sommario/riassunto	If You Build It, They Will Learn is the perfect do-it-yourself guide for physics teachers who want custom-made demonstration projects to use in their classrooms. Devices like Galileo's Track, Coupled Pendulum, and Gum-Wrapper Thermostat will help you teach forces, energy, properties of matter, and much more. Best of all, you don't need an engineering degree to assemble these devices. The book provides such detailed instructions that even novices can handle the necessary tasks and tools.