



## Vacuum Bazookas, Electric Rainbow Jelly and 27 Other Saturday Science Projects

By Neil A. Downie

Princeton University Press, United States, 2001. Paperback. Book Condition: New. 229 x 193 mm. Language: English . Brand New Book. How do you crack nuts with a piece of string? Reverse gravity? Cobble together a clock out of a coffee cup, a soda bottle, and some water? Use a vacuum cleaner and nineteenth-century railroad technology to fashion a makeshift bazooka that can launch paper projectiles? Create a rainbow in a block of Jello? This is a one-volume romp through a whole array of counterintuitive science experiments that require little more than common household items and a sense of curiosity. Prepare to have your surprise sensors on overload as Neil Downie stretches math, physics, and chemistry to do what they have never done before. This book describes twenty-nine unusual but practical experiments, detailing how they are done and the math and physics behind them. It will delight both casual and inveterate tinkerers. Of varying levels of complexity, the experiments are grouped in sections covering a wide field of physics and the borders of chemistry, ranging from dynamic mechanics ( Kinetic Curiosities ) to electricity ( Antediluvian Electronics ) and combustion ( Infernal Inventions ). The chapters are titillatingly titled, from Twisted...



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