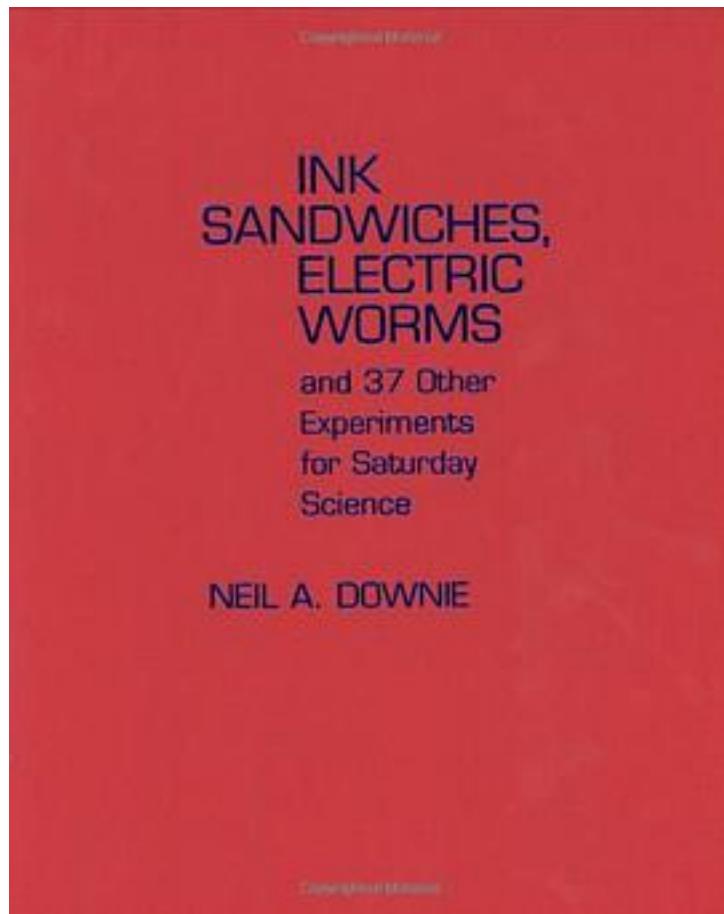


# Ink Sandwiches, Electric Worms and 37 Other Experiments for Saturday Science



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How do you make a clock out of an ice cube? Send messages using bubbles? Make

money using a tube that waltzes? This collection of curious and offbeat science experiments provides the answers to these and 36 other questions. Accomplished physicist and science writer Neil A. Downie covers a range of phenomena, from the rocking and rolling that drives a waltzing tube; to the fluid mechanics of a coffee-cup rev counter and biceps made from balloons; to the simple chemistry of red-hot batteries and wet solar cells. For each experiment, he provides historical anecdotes about the relevant phenomena, a list of equipment, detailed instructions, and a full explanation - requiring only high-school mathematics - of the science behind the procedure. For those intrigued by any experiment, he includes follow-up suggestions, which describe ways to tinker with the initial "recipe". This collection of lively experiments, with complete explanations and simple mathematics, will appeal to high-school science teachers, inveterate tinkerers, amateur scientists, or anyone looking for a project for the next science fair.

作者介绍:

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