

## Physics Demonstrations A Sourcebook For Teachers Of Physics

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UW Press: Physics Demonstrations  
Appeared in Choice on 2006-07-01: Sprott (physics, Univ. of Wisconsin-Madison) has compiled this book of 85 demonstrations performed at the University of Wisconsin-Madison. The demonstrations, all from the standard fields of "non-modern" physics (i.e., no relativistic, nuclear, atomic, molecular, or condensed matter physics), include photos, a list of required materials (with commercial sources), procedures, discussion, possible hazards, and some references.

Physics demonstrations : a sourcebook for teachers of ...  
This book is a compilation of many of the demonstrations that have been used at the University of Wisconsin - Madison in the teaching of elementary physics over the years as well as a number of demonstrations that I have developed for use in a series of popular lectures, "The Wonders of Physics," aimed at the general public and children in particular.

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Hands-On Physics Activities with Real-Life Applications. Hands-On Physics Activities provides a comprehensive collection of nearly 200 investigations, demonstrations, mini-labs, and other activities uses everyday examples to make physics concepts easy to understand. For quick access, materials are organized into eight units covering Measurement, Motion, Force, Pressure, Energy & Momentum ...

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Physics - AAPT  
Julien Clinton Sprott, "2.25, Firehose Instability", Physics Demonstrations - A Sourcebook for Teachers of Physics, p. 131. Disclaimer: These demonstrations are provided only for illustrative use by persons affiliated with The University of Iowa and only under the direction of a trained instructor or physicist.

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Yaakov Kraftmakher, a professor emeritus of physicsat Bar-Ilan University in Israel, has written a nearly encyclopedic book containing 88 experimentsand demonstrations that he has developed, adapted, or refined for his university. Having published extensively in physics educationjournals during the past 50 years, he is well qualified for the task.

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