

## **Resources for Teaching about Force, Motion and Energy**

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### **Demonstration and Laboratory Apparatus**

#### **Colliding Steel Spheres**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

Educational Innovations, Inc.  
362 Main Avenue  
Norwalk, CT 06851  
203-229-0730  
[www.teachersource.com](http://www.teachersource.com)

#### **Constant Velocity Car**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

#### **Energy Ball**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

Educational Innovations, Inc.  
362 Main Avenue  
Norwalk, CT 06851  
203-229-0730

### **Genecon Generator and Accessories**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

### **Groan Tube**

Kipp Brothers, Inc.  
240 – 242 South Meridian Street  
Indianapolis, Indiana 46206  
1-800-428-1153  
[www.kippbro.com](http://www.kippbro.com)

### **Poppers**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

### **Pull Back Car (Darda Car) and Accessories**

Arbor Scientific  
P.O. Box 2750  
Ann Arbor, MI 48106-2750  
1-800-367-6695  
[www.arborsci.com](http://www.arborsci.com)

Only Toys, Inc.  
6074 Apple Tree Dr, Ste 4  
Memphis TN 39115  
901-866-0123  
<http://www.darda.com/>

## **Neodymium Magnets (for simplest motor) and Disc Magnets**

ForceField

2606 West Vine Dr.

Fort Collins, CO 80521

(877) 944-6247 or (970) 484-7257

<http://www.wondermagnet.com/>

## **Print Reference Materials**

*A Demonstration Handbook for Physics*

By G.D. Frier and F.J. Anderson

American Association of Physics Teachers

One Physics Ellipse

College Park, MD 20740

301-209-3300

[www.aapt.org](http://www.aapt.org)

*A Potpourri of Physics Teaching Ideas: Selected Reprints  
from The Physics Teacher, April 1963 – December 1986*

Donna Berry Conner, editor

American Association of Physics Teachers

One Physics Ellipse

College Park, MD 20740

301-209-3300

[www.aapt.org](http://www.aapt.org)

*Conceptual Physics* (9ed.)

By Paul Hewitt

Addison Wesley

San Francisco, CA

[www.awl.com](http://www.awl.com)

*Deck the Halls*

By Joe Pizzo

American Association of Physics Teachers

One Physics Ellipse

College Park, MD 20740

301-209-3300

[www.aapt.org](http://www.aapt.org)

*How Things Work: The Physics of Everyday Life*

By Louis Bloomfield

John Wiley & Sons

New York, NY

*Invitations to Scientific Inquiry*

By Tik L. Liem

Science Inquiry Enterprises

14358 Village View Lane

Chino Hills, CA 91709

909-590-4618

[jmkris@scienceinquiry.com](mailto:jmkris@scienceinquiry.com)

*Square Wheels*

By Don Rathjen and Paul Doherty

Exploratorium

3601 Lyon Street

San Francisco, CA 94123

[www.exploratorium.edu](http://www.exploratorium.edu)

*The Dick and Rae Physics Demo Book*

By Richard B. Minnix and D. Rae Carpenter, Jr.

Dick and Rae, Inc.

VMI Mallory Hall,

Lexington, VA 24450

### **Web Resources for Teaching about Force, Motion and Energy**

#### **Arbor Scientific's CoolStuff Newsletter Volume 9**

[www.arborsci.com/CoolStuff/Archives.htm](http://www.arborsci.com/CoolStuff/Archives.htm)

**Exploratorium's Science Snacks** (inventive activities that are sure to engage your students)

[www.exploratorium.edu/snacks/snackintro.html](http://www.exploratorium.edu/snacks/snackintro.html)

**New Trier High School's Connections Project** (museum-quality interactive displays created by students and their teachers)

<http://nths.newtrier.k12.il.us/academics/math/Connections/connections.htm>

**Virtual Physics Laboratory** (a great source of shadow, pinhole, mirror, lens, and color simulations)

<http://www.phy.ntnu.edu.tw/ntnujava/viewforum.php?f=6>