



# DOWLING MAGNETS®


## 2019 Catalog

 Science & Engineering

 Math

 English Language Arts

 Early Learning

 Teacher Resources



New 30-pack of this bestseller for schools, offices, and in-store display—see page 41!

A photograph of three children in a classroom. In the foreground, a young boy with dark skin and curly hair is smiling broadly, wearing a blue and white striped sweater. Behind him, a girl with brown hair is smiling, wearing a purple shirt. To the left, another girl with brown hair is smiling, wearing a pink shirt. They are standing in front of a green chalkboard with some drawings.

## ***Don't Miss These New Products for 2019!***

We've been busy developing innovative new STEM, early learning, teacher resource, and office magnets for you! Go ahead and take a look—we're anxious to show them off!

- Kinetic Magnetics® Wave Wires®—pages 4–6
- North/South Magnet Marbles—page 15
- Animal Magnetism® Magnetic Wildlife Map Puzzles—page 35
- Whiteboard Accessories Bundle—page 38
- Lockdown Magnets—page 38
- Big Push Pin Magnets, 30-Pack—page 41
- Arts & Crafts Bundle—page 43

Need magnets for kitting, a custom magnet, or bulk pricing for bids? We can help! Just email us at **Orders@DowlingMagnets.com** or call **800-MAGNET-1** today!





Science & Engineering

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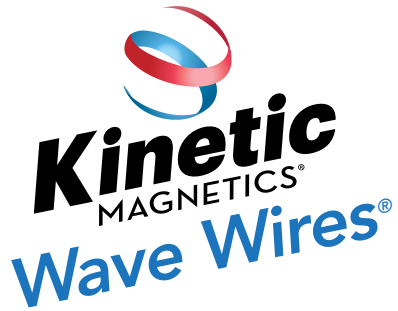
## Visit Our Dealer Portal!

Go to [DowlingMagnets.com/login](https://DowlingMagnets.com/login) to download all our images and 17 videos (just added!) to upload to your website! While you're there, browse and download our 30 flyers (just added!), presentation slides, seasonal specials, catalog, price list, MAPP information, and more!



Join the conversation!





## Investigate Magnets and Their Crazy, Kinetic Interactions!

Place the magnet wires on the base, activate them, and watch the unique ways they oscillate as their invisible magnetic forces "bounce" off one another! Great for classroom labs (grades 3 – 8), STEM programs, science fairs, maker spaces, and more.

**Ages 8–14/Grades 3–8**

Conduct NGSS-aligned experiments that explore:

- Force and Motion
- Energy
- Waves
- Patterns
- Structure and Properties of Matter
- Engineering Design
- Cause and Effect
- Stability and Change...and more!



Watch the repelling magnet wires oscillate!



**NEW  
for  
STEM!**

### Wave Wires Magnet Set

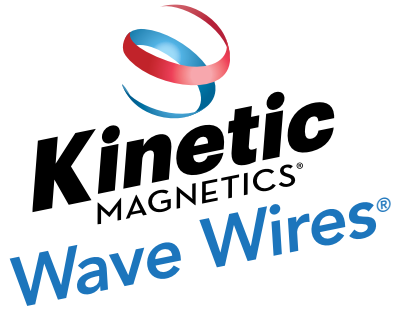
(1 small group or individual)

**731110 SET MSRP \$14.99**

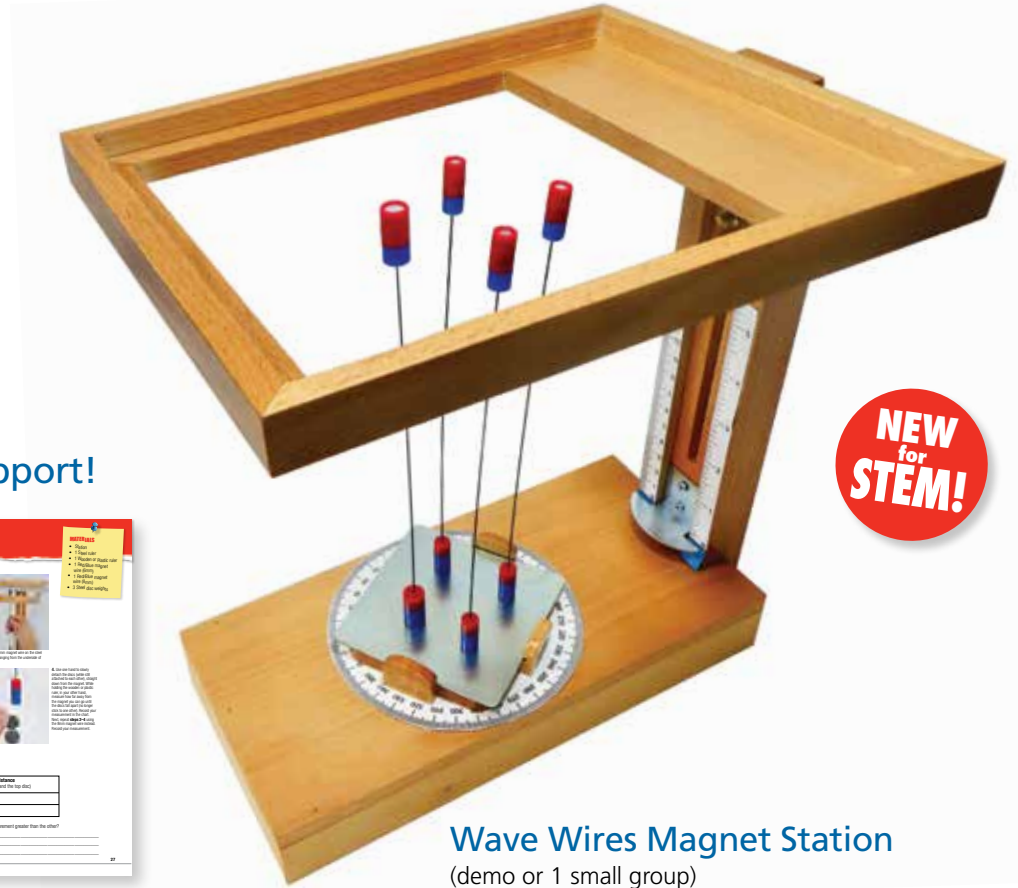
**UPC: 0 94051 31110 9**

See page 6 for a list of components included.



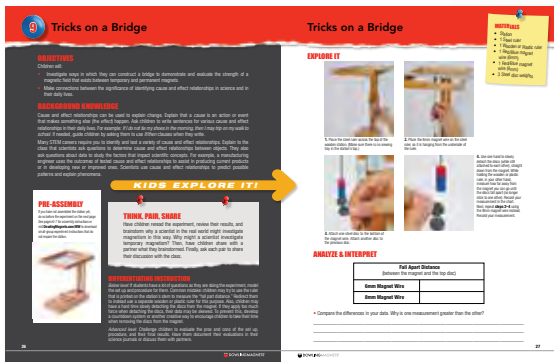


## Cool Oscillation Station Makes Even More Experiments Possible!



**NEW for STEM!**

Filled with learning support!



### Wave Wires Magnet Station

(demo or 1 small group)

**Ages 8–14/Grades 3–8**

**731111 SET MSRP \$49.99**

**UPC: 0 94051 31111 6**

### Wave Wires Magnet Station Pack

(demo or 4 small groups)

**Ages 8–14/Grades 3–8**

**731112 SET MSRP \$99.99**

**UPC: 0 94051 31112 3**

Includes a full-color, 40-page teacher's guide with lesson plans and photo-illustrated experiments!

See page 6 for a list of components included.

Look what you can do!



Make iron filings dance!



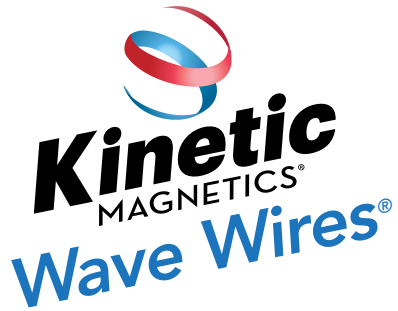
Propel steel balls inside the viewing tray.



Create a magnet painting (STEAM)!



Dangle and oscillate magnet wires upside down!



Choose from 3 Different Sets!



### A. Wave Wires Magnet Set

(1 small group or individual)

Ages 8-14/Grades 3-8 **C** **S**

731110 SET MSRP \$14.99

UPC: 0 94051 31110 9



### B. Wave Wires Magnet Station

(demo or 1 small group)

Ages 8-14/Grades 3-8 **C** **S**

731111 SET MSRP \$49.99

UPC: 0 94051 31111 6



### C. Wave Wires Magnet Station Pack

(demo or 4 small groups)

Ages 8-14/Grades 3-8 **C** **S**

731112 SET MSRP \$99.99

UPC: 0 94051 31112 3

Wave Wires Components Included	6mm Magnet Wire	8mm Magnet Wire	Base Plate	Station Base Plate	Activation Ring	Steel Disc Weight	Viewing Tray	Tray Grid Paper	Station Base Grid Paper	Tube of Iron Fillings	Tube of Steel Balls	Measuring Spoon	8-pg Activity Booklet	40-pg Teacher's Guide
Magnet Set, #731110	3	1	1	0	1	12	0	0	0	0	0	0	1	0
Magnet Station, #731111	3	1	0	1	1	12	2	2	1	1	1	1	0	1
Magnet Station Pack, #731112	12	4	4	1	4	48	2	2	1	1	1	1	4	1



Watch at  
[DowlingMagnets.com/MagicPenny](http://DowlingMagnets.com/MagicPenny).  
Go to [DowlingMagnets.com/login](http://DowlingMagnets.com/login)  
to download for your site!



## Magic Penny® Magnet Kit

Loved by kids for more than 20 years, this best seller just got better! Perform astounding feats of magnetism as you playfully explore magnetic forces, motion, and stability. Integrates geometry and art too—discuss shapes, positions, planes, symmetry, and more. Fourth edition includes additional coins plus a whopping 44 activities! **Ages 8+/Grades 3+**    
**736500 Set \$25.99**  
**UPC: 0 94051 36500 3**

Includes:

- 2 Super strong magnets encased in stainless steel
- 32 Newly-minted British coins plus a bonus US penny
- Activity booklet packed with magnet facts, penny history, & 44 activities

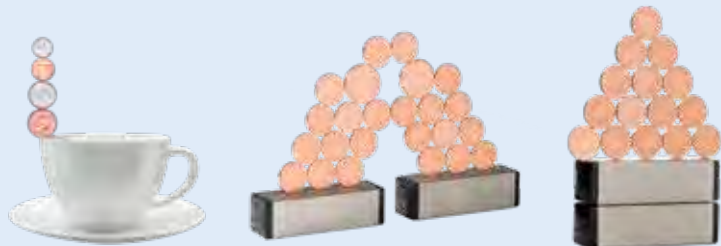
### Did You Know?

#### The Magic Penny® Magnet Kit...

- Was created for Magic Penny Trust by professors from Brunel University London.
- Includes activities that can be done with your own magnetic coins from Canada, India, Brazil, Argentina, or New Zealand.

## Perform amazing magnetic feats:



- Balance 4 coins on the rim of a teacup!
- Build gravity-defying sculptures & levitating pyramids!
- Magically move pennies up ramps, over bridges, & along tightropes!







### Science Discovery Kits

Best sellers for over 25 years—created by a high school science teacher who really knows his stuff! Comprehensive activity guides were carefully designed to boost students' prior knowledge before they jump into the more complex projects. Guide from each kit includes the same 5–6 experiments to introduce magnetism followed by 5–6 different projects for the focus topic of the kit. Aligned with *Next Generation Science Standards*. Perfect for STEM programs, maker spaces, science fair projects, or classroom labs. Designed for individual students or a small group working together. Assorted supplies included. **Ages 10+/Grades 5+**  

Kit	Magnet Levitation Kit	Electric Motor • Generator Kit	Electromagnet Kit
Item Number	<b>731100</b>	<b>731101</b>	<b>731102</b>
MSRP	UPC: 0 94051 31100 0 <b>\$36.99</b>	UPC: 0 94051 31101 7 <b>\$38.99</b>	UPC: 0 94051 31102 4 <b>\$38.99</b>
Contents	<ul style="list-style-type: none"> <li>• Neodymium &amp; ceramic magnets</li> <li>• High-force magnetic strip</li> <li>• Iron filings</li> <li>• Plastic guide rails</li> <li>• Compass</li> <li>• Wood block</li> <li>• Nails</li> <li>• Activity guide</li> </ul>	<ul style="list-style-type: none"> <li>• Neodymium &amp; ceramic magnets</li> <li>• Light emitting diode (LED)</li> <li>• Compass</li> <li>• Plastic plates &amp; tubes</li> <li>• Wire</li> <li>• Spring</li> <li>• Nails, screws, nuts &amp; bolts</li> <li>• Paper clips</li> <li>• Sand paper</li> <li>• Activity guide</li> </ul>	<ul style="list-style-type: none"> <li>• Neodymium &amp; ceramic magnets</li> <li>• Light emitting diode (LED)</li> <li>• Iron filings</li> <li>• Switch plates</li> <li>• Battery holders</li> <li>• Compass</li> <li>• Pre-drilled wood blocks</li> <li>• Wire</li> <li>• Nails &amp; screws</li> <li>• Sand paper</li> <li>• Straws</li> <li>• Activity guide</li> </ul>
Experiments	<ul style="list-style-type: none"> <li>• Earth as a magnet</li> <li>• Attraction &amp; repulsion</li> <li>• What magnets attract</li> <li>• Temporary magnetism</li> <li>• Magnetic strength</li> </ul>	<ul style="list-style-type: none"> <li>• Earth as a magnet</li> <li>• Attraction &amp; repulsion</li> <li>• What magnets attract</li> <li>• Temporary magnetism</li> <li>• Magnetic strength</li> <li>• How electricity flows</li> </ul>	<ul style="list-style-type: none"> <li>• Earth as a magnet</li> <li>• Attraction &amp; repulsion</li> <li>• What magnets attract</li> <li>• Temporary magnetism</li> <li>• Magnetic strength</li> <li>• How electricity flows</li> </ul>
Projects	<ul style="list-style-type: none"> <li>• Magnetic pendulum</li> <li>• Magnetic pendulum spacing</li> <li>• Balance gravity &amp; magnetism</li> <li>• Magnetic oscillations &amp; energy</li> <li>• Levitating train</li> </ul>	<ul style="list-style-type: none"> <li>• Detect electrical flow</li> <li>• Simple generator &amp; motor pair</li> <li>• Different kind of generator</li> <li>• Faster motor</li> <li>• Motor with speed control</li> <li>• Generator that powers a light bulb</li> </ul>	<ul style="list-style-type: none"> <li>• Construct an electromagnet</li> <li>• Versatile electromagnet</li> <li>• Compare magnetic fields</li> <li>• Construct a telegraph</li> <li>• Construct a buzzer</li> <li>• Construct an electromagnetic relay</li> </ul>

**Magnet Levitation Strip Only** Item #LEV1 \$9.99



Watch at [DowlingMagnets.com/SDK](https://DowlingMagnets.com/SDK).  
Go to [DowlingMagnets.com/login](https://DowlingMagnets.com/login) to download for your site!

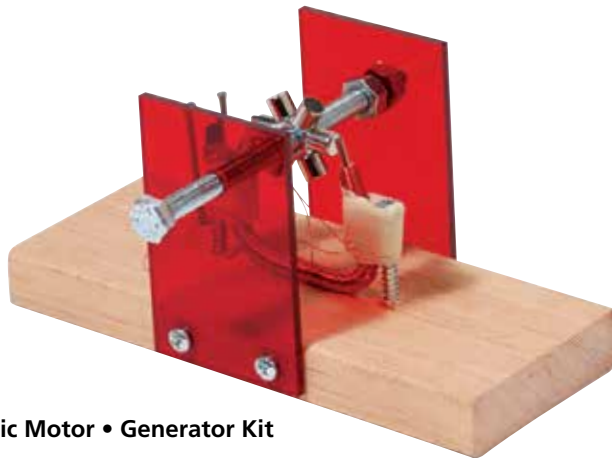


**All kits are aligned with these *Next Generation Science Standards*:**

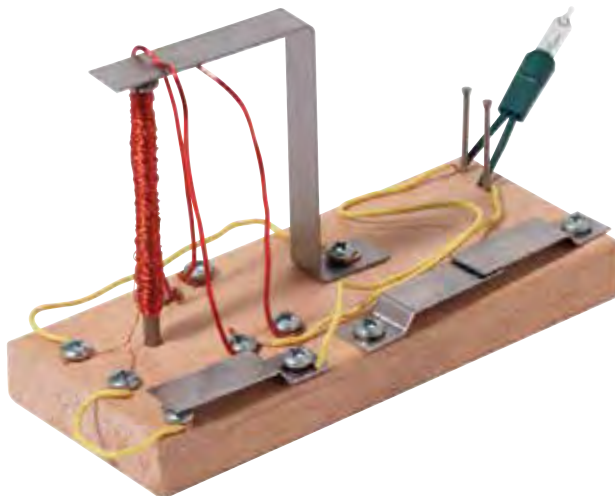
- Motion & stability: forces & interactions
- Matter & its interactions
- Energy
- Plan & carry out investigations
- Develop & use models
- Ask questions & define problems
- Engage in argument from evidence
- Construct explanations & design solutions
- Analyze & interpret data
- Cause & effect
- Patterns
- Scale, proportion, & quantity
- Systems & system models



**Magnet Levitation Kit**



**Electric Motor • Generator Kit**



**Electromagnet Kit**







Kit	Item Number	Contents	Skills	Next Generation Science Standards	MSRP
<b>Level 1</b> (Ages 4–7/ Grades PreK–2)	731301  UPC: 0 94051 31301 1	<ul style="list-style-type: none"> <li>• 10 Magnet Wands</li> <li>• 10 Plastic-Encased Button Magnets</li> <li>• 15 Magnet Rings</li> <li>• 50 Magnet Marbles</li> <li>• 1 Alnico Bar Magnet</li> <li>• 200 Metal-Rimmed Counting Chips</li> <li>• 100 Paperclips</li> <li>• 5 Pencils</li> <li>• 1 Teacher's Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Compare &amp; contrast different magnets (by size, shape, &amp; strength)</li> <li>• Explore attraction &amp; repulsion</li> <li>• Investigate a magnet's force through solids &amp; liquids</li> <li>• Learn magnetism vocabulary</li> </ul>	<ul style="list-style-type: none"> <li>• Motion &amp; stability: Forces &amp; interactions</li> <li>• Matter &amp; its interactions</li> <li>• Plan &amp; carry out investigations</li> <li>• Analyze &amp; interpret data</li> <li>• Cause &amp; effect</li> </ul>	<b>\$83.99</b>
<b>Level 2</b> (Ages 6–9/ Grades 1–3)	731302  UPC: 0 94051 31302 8	<ul style="list-style-type: none"> <li>• 5 Magnet Wands</li> <li>• 5 Plastic-Encased Button Magnets</li> <li>• 5 Plastic-Encased Block Magnets</li> <li>• 5 Plastic-Encased N/S Bar Magnets</li> <li>• 15 Magnet Rings</li> <li>• 5 Horseshoe Magnets</li> <li>• 1 Alnico Bar Magnet</li> <li>• 5 Compasses</li> <li>• 5 Tubes of Polished Steel Shapes</li> <li>• 5 Pencils</li> <li>• 1 Teacher's Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Explore attraction &amp; repulsion</li> <li>• Investigate a magnet's force through solids &amp; liquids</li> <li>• Experiment with temporary &amp; permanent magnets</li> <li>• Investigate the Earth as a magnet</li> <li>• Learn magnetism vocabulary</li> </ul>	<ul style="list-style-type: none"> <li>• Motion &amp; stability: forces &amp; interactions</li> <li>• Matter &amp; its interactions</li> <li>• Ask questions &amp; define problems</li> <li>• Plan &amp; carry out investigations</li> <li>• Analyze &amp; interpret data</li> <li>• Cause &amp; effect</li> </ul>	<b>\$81.99</b>
<b>Level 3</b> (Ages 9–12/ Grades 4–6)	731303  UPC: 0 94051 31303 5	<ul style="list-style-type: none"> <li>• 10 Ceramic Block Magnets</li> <li>• 15 Latch Magnets</li> <li>• 5 Alnico Horseshoe Magnets</li> <li>• 1 Large Alnico Bar Magnet</li> <li>• 5 Small Alnico Bar Magnets</li> <li>• 10 Magnet Discs</li> <li>• 5 Flexible Magnet Discs</li> <li>• 5 Compasses</li> <li>• 5 Tubes of Iron Filings</li> <li>• 5 Pieces of Magnet Viewing Film</li> <li>• 5 Lodestones</li> <li>• 5 Wooden Dowels</li> <li>• 5 Nails</li> <li>• 5 Corks</li> <li>• 1 Teacher's Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Explore attraction &amp; repulsion</li> <li>• Investigate a magnet's force through solids &amp; liquids</li> <li>• Explore patterns created by magnetic fields</li> <li>• Experiment with temporary &amp; permanent magnets</li> <li>• Investigate the Earth as a magnet</li> <li>• Discover electromagnets</li> <li>• Learn magnetism vocabulary</li> </ul>	<ul style="list-style-type: none"> <li>• Motion &amp; stability: forces &amp; interactions</li> <li>• Matter &amp; its interactions</li> <li>• Plan &amp; carry out investigations</li> <li>• Develop &amp; use models</li> <li>• Cause &amp; effect</li> </ul>	<b>\$119.99</b>



Watch at [DowlingMagnets.com/CA](http://DowlingMagnets.com/CA).  
 Go to [DowlingMagnets.com/login](http://DowlingMagnets.com/login) to download for your site!



### Alnico Magnet Kit

Our most popular magnets in one convenient kit! Includes 1" horseshoe, 2" horseshoe, 2" bar, steel shapes, and tube of iron filings. **Ages 8+/Grades 3+**

**731009 Set \$21.99**

**UPC: 0 94051 31009 6**



Features scratch-resistant plastic and steel filings for stay-clear viewing!

### Mysterious Magnet Tube with Steel Filings

Explore beautiful 3-D patterns created by a magnetic field—mess free! Sealed plastic display tube (now scratch-resistant!) enables clear, 360-degree viewing. Keeps steel filings clean and safe. Just insert the magnet into the center chamber. Includes display tube with encased steel filings, alnico cow magnet, and multilingual activity booklet. Package measures 5.13" H x 3.5"D.

**Ages 6+/Grades K+**

**5531 Each \$20.99**

**UPC: 0 94051 92031 8**



### Magnetic Field Viewing Kit with Steel Filings

Stays clear! Steel filings are sealed in a scratch-resistant, transparent viewing tray. Includes rubber coated magnets (.75" disc magnet and 1" bar magnet) and filing-filled tray measuring 3.44" D.

**Ages 8+/Grades 3+**

**731025 Set \$6.50**

**UPC: 0 94051 31025 6**



### Ceramic Magnet Kit

Assortment of ceramic magnets for hands-on science investigations. Includes 1.13" horseshoe, 1" bar, 1" disc, 1.13" ring, and 1" latch magnets plus compass.

**Ages 8+/Grades 3+**

**731022 Set \$6.50**

**UPC: 0 94051 31022 5**



## Super Science Magnet Kit

Kids can't wait to get their hands on all this magnetism! Compare magnets' strengths, observe force field patterns, make a compass, and more. Investigate with a variety of magnets plus accessories.

**Ages 8+/Grades 3+** C S

**731201 Set \$27.99**

**UPC: 0 94051 05030 5**

Includes:

- Large steel horseshoe magnet with super strong neodymium feet
- Ceramic horseshoe magnet
- Bar & disc magnets
- Plastic-encased, red & blue bar magnet
- Iron filings
- Steel shapes
- Compass
- Cork
- Paper clips
- Multilingual activity booklet



International packaging



## Electromagnet Kit

Build an electromagnet! Generate your own current! Investigate the advantages of an electromagnet over a permanent magnet. Includes alnico bar magnet, wood block, metal plates/key switch, nail and screws, insulated wire, and activity booklet. Requires 6-volt dry cell battery, not included. Package measures 4.13"H x 2.38"D. **Ages 8+/Grades 3+** S

**SS50 Set \$8.99**

**UPC: 0 94051 06010 6**



## Floating Magnet Rings Kit

Make these colorful rings magically levitate! Explore and interact with magnetic forces—arrange and rearrange the rings to investigate attraction and repulsion. Includes pencil and 6 ceramic ring magnets. Package measures 6.13"H x 1.5"D. **Ages 8+/Grades 3+** A S

**SS10 Set \$6.99**

**UPC: 0 94051 10700 9**

## Magic Bullet Train

Build and design your own levitating train with track. Explore the magnetic theory behind the real-life maglev trains. Cool science fair project or center! Includes raw wood (train and track), adhesive magnetic strip, ring magnets, plastic angles, dowel rod, screws, decals, and step-by-step instruction guide. Just add your own wood glue, screwdriver, sand paper, and paint. Track measures 24.63"L. **Ages 8+/Grades 3+** S

**SS100 Set \$21.99**

**UPC: 0 94051 92100 1**





### Simply Science® Magnet Mania Kit

Wave the magic magnet wand! Simple activities, combined with brightly colored wands and accessories, give children a positively fun first experience with magnetic attractions. Wand measures 7.63" L.

**Ages 4+/Grades PreK+**

**SS75 Set \$17.99**

**UPC: 0 94051 92075 2**

Includes:

- 2 Magnetic wands
- 10 Magnet marbles
- 50 Metal-rimmed counting chips
- Activity booklet

International packaging

### Very First Magnet Kit

Inspire next generation scientists! Amaze early learners as they observe and investigate magnetism for the first time. Explore magnetic versus non-magnetic objects, play magnet games, and discover if a magnetic force travels through water, cardboard, or the sides of a glass jar.\* **Ages 4+/Grades PreK+**

**731200 Set \$24.99**

**UPC: 0 94051 31200 7**



Includes:

- Magnet wand
- Giant Horseshoe Magnet
- Plastic-encased block magnet
- 2 Plastic-encased button magnets
- 3 Ceramic ring magnets
- 20 Metal-rimmed counting chips
- 10 Magnet Marbles
- Activity booklet

\* Requires some everyday household materials, not included.

See pages 30–33 for even more early magnetism products!



Low-power magnet marbles are safe for young explorers!



### Magnet Wand with Magnet Marbles

Mini set includes wand (assorted colors) and 5 bicolor magnet marbles to get you started. Wand measures 7.63" L.

**Ages 4+/Grades PreK+**

**736600 Set \$6.99**

**UPC: 0 94051 36600 0**



### Magnet Wand with Counting Chips

Starter set contains wand (assorted colors) and 20 colorful transparent chips with metal rims. Wand measures 7.63" L.

**Ages 3+/Grades PreK+**

**736601 Set \$6.99**

**UPC: 0 94051 36601 7**



## Magnet Wand

Grab a wand and explore! Great for magnet play, experiments, scavenger hunts, sensory tables, and more. Feature assorted vibrant colors, recessed handle, hole for lanyard (not included), and magnet inside the end. Measure 7.63”L each. **Ages 3+/Grades PreK+** **S**

**801 Each \$1.99**

**UPC: 0 94051 80100 6**

**736625 Set of 24 in display box \$42.99**

**UPC: 0 94051 36625 3**



**NEW!**

## North/South Magnet Marbles

Color-coded magnet marbles (poles: red north and blue south) make it easy to see how magnetic attraction and repulsion cause motion! Perfect for science and engineering exploration and investigations. Measure .63”D each. **Ages 4+/Grades PreK+** **S**

**736715 Set of 100 \$29.99**

**UPC: 0 94051 36715 1**

**736717 Set of 400 \$95.99**

**UPC: 0 94051 36717 5**

## Giant Horseshoe Magnet

Chunky size is perfect for small hands! A great first magnet for every curious little scientist. Features an easy-grip opening on top and safely encased magnets in the feet. Lifts up to 4 lbs. Measures 8”H.

**Ages 3+/Grades PreK+** **A S**

**HSO1 Each \$7.50**

**UPC: 0 94051 00098 0**



## Metal-Rimmed Counting Chips

No thin wire rims! Designed to interact well with our Magnet Wands, Giant Horseshoe Magnet, and other magnets. Great for counting, sorting, and patterning too! Transparent plastic (assorted colors) with smooth and continuous, wide metal rims. Measure .88”D each. **Ages 3+/Grades PreK+** **C S**

**530 Set of 500 \$29.99**

**BC100 Set of 100 \$6.99**

**736608 Set of 75 with Block Magnet in clear dish \$6.99**

**UPC: 0 94051 36608 6**

**736730 Set of 500 with 2 Magnet Wands in display box \$29.99**

**UPC: 0 94051 36730 4**



## Solid-Colored Magnet Marbles

Engage in magnet play, build pyramids, count, sort, and more! Bold colors. Measure .63”D. each. **Ages 4+/Grades PreK+** **C S**

**736710 Set of 400 \$95.99**

**UPC: 0 94051 36710 6**

**MC14 Set of 100 \$25.99**

**UPC: 0 94051 92140 7**

**736606 Set of 20 in clear dish \$6.99**

**UPC: 0 94051 36606 2**



Chips have continuous, wide metal rims that strongly attract to the magnet!











### Horseshoe Magnets

Bend a bar magnet into a “U” shape, and what do you get? A stronger magnet! Why? Because the poles are side by side then.

Ceramic magnets are the most lightweight and economical. Alnico versions are strong and durable. For greatest lifting power and permanence, choose neodymium.

**S**



	Item Number	Quantity	Material	Format	Height	Ages	MSRP
	<b>742115</b>	1	Alnico	Red & silver, poles marked, includes keeper	4"	3+	<b>B</b>
	<b>742110</b>	1	Alnico	Red & silver, poles marked, includes keeper	2.95"	6+	<b>B</b>
	<b>731015</b> UPC: 0 94051 31015 7 802Tall	1	Alnico	Red, includes keeper	2"	6+	<b>\$8.99</b> <b>B</b>
	<b>731014</b> UPC: 0 94051 31014 0 802	1	Alnico	Red, includes keeper	1"	8+	<b>\$5.50</b> <b>B</b>
	<b>742050</b>	1	Ceramic	Red & blue, poles marked	1.5"	8+	<b>B</b>
	<b>MC08</b> UPC: 0 94051 92080 6	25	Ceramic	Red, poles marked	1.25"	8+	<b>\$21.99</b>
	<b>731023</b> UPC: 0 94051 31023 2 7250035	1	Steel & neodymium	Red & silver, poles marked, includes keeper	6"	3+	<b>\$11.50</b> <b>B</b>
	<b>7250036</b>	1	Steel & neodymium	Red & silver, poles marked, includes keeper	3"	6+	<b>B</b>



### Bar Magnets






Sometimes simpler is better! Economical magnets in a basic bar shape feature an opposite pole on each end, creating an interesting arc-shaped magnetic field to explore. Ideal for activities that do not require a lot of lifting power. Poles are color coded and/or stamped with letters. Generally, alnico magnets have greater strength and durability, whereas ceramic varieties are lighter and more inexpensive. **S**



#### Alnico

	Item Number	Quantity	Format	Size	Ages	MSRP
	<b>741059</b>	2	Silver	6"L x .50"W x .25"T	3+	<b>B</b>
	<b>741072</b>	2	Red & white	4.5"L x .50"W x .25"T	5+	<b>B</b>
	<b>741060</b>	2	Silver	4"L x .50"W x .25"T	5+	<b>B</b>
	<b>731011</b> UPC: 0 94051 31011 9	2	Silver	3"L x .50"W x .25"T	5+	<b>\$14.99</b>
	<b>742123</b>	2	Silver	3"L x .50"W x .25"T	5+	<b>B</b>
	<b>742120</b>	2	Red & blue	2.95"L x .39"W x .24"T	5+	<b>B</b>
	<b>731012</b> UPC: 0 94051 31012 6	2	Silver	2"L x .50"W x .25"T	8+	<b>\$11.99</b>
	<b>742124</b>	2	Silver	2"L x .50"W x .25"T	8+	<b>B</b>

#### Ceramic

	Item Number	Quantity	Format	Size	Ages	MSRP
	<b>712</b> UPC: 0 94051 71200 5	2	Red & blue	3.13"L x 1"W x .38"T	3+	<b>\$7.50</b>
	<b>742060</b>	1	Red & blue	3"L x .75"W x .25"T	5+	<b>B</b>
	<b>742040</b>	1	Red & blue	2.38"L x .25"W x .25"T	5+	<b>B</b>
	<b>MC01</b> UPC: 0 94051 92010 3	100	Red	1.13"L x .25"W x .25"T	8+	<b>\$34.99</b>
	<b>241</b>	1	Raw gray	1.13"L x .25"W x .25"T	8+	<b>B</b>



### Ceramic Ring Magnets

Center-hole design makes them easy to grab and remove. Assorted colors. Measure 1.14"D x .26"T each.

**735010 Set of 6 \$4.99**

**UPC 0 94051 35010 8**

**CR101P Each B**

### Ceramic Disc Magnets

Basic discs are bright and get the job done. Assorted colors and two sizes.



Item Number	Quantity	Size	MSRP
<b>735011</b> UPC: 0 94051 35011 5	10	.75"D x .20"T	<b>\$4.99</b> <span style="border: 1px solid green; border-radius: 50%; padding: 2px;">B</span>
<b>675P</b>	1		
<b>735012</b> UPC: 0 94051 35012 2	8	1"D x .16"T	<b>\$4.99</b>

### Ceramic Disc Magnets

Ideal for science activities, organization, crafts, and more. Lightweight and inexpensive.

**Ages 8+/Grades 3+ S**



### Ring Magnets

Center hole allows for lacing or stacking. Includes 100 ceramic magnets.

Measure 1.13"D x .25"T.

**Ages 8+/Grades 3+ S**

**MC12 Set of 100 \$39.99**

**UPC: 0 94051 92120 9**



### Latch Magnets

Ceramic with a center hole for stacking or stringing. Each measures 1"L x .75"W x .19"T.

**Ages 8+/Grades 3+ S**

**MC07 Set of 100 \$29.99**

**UPC: 0 94051 93007 2**

Item Number	Quantity	Size	MSRP
<b>MC06</b> UPC: 0 94051 92060 8	100	1"D x .16"T	<b>\$29.99</b>
<b>MC11</b>	100	.75"D x .20"T	<b>\$24.99</b>
<b>MC03</b>	100	.50"D x .20"T	<b>\$19.99</b>

### Making Your Own Kits? We Can Help!

We are the #1 supplier of magnets in educational kits in the U.S.



### Need a Custom Magnet?

We make permanent magnets, printed flexible sheets, assemblies, and private label packaging.

**REQUEST A QUOTE TODAY!**

Orders@DowlingMagnets.com  
800-MAGNET-1





## Compass

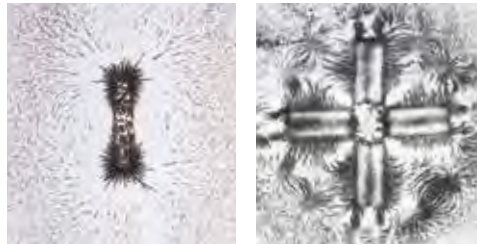
Explore the Earth as a magnet—grab your compass! Indentation in the underside of the clear plastic top keeps the compass needle from falling off inside. Includes 30 compasses, each one measuring 1.5" D.

**Ages 5+/Grades K+** **S**

**MC05 Set of 30 \$49.99**

**UPC: 0 94051 92050 9**

Make beautiful patterns, from simple to complex, using only iron filings, magnets, and paper!



## Alnico Cow Magnet

World famous cylindrical magnet—there's one inside every cow! Measures 3" L x .50" D. **Ages 5+/Grades K+** **S**

**731013 Each \$9.99**

**UPC: 0 94051 31013 3**



## Iron Filings

Jar's convenient shaker lid helps you evenly distribute filings with less mess! Sprinkle a small amount of iron filings onto paper and move a magnet underneath to illustrate the pole patterns of the magnetic force field. For more complex patterns, use multiple magnets! Shrink wrapped to prevent spills in stores and shipping.

**Ages 8+/Grades 3+** **S**

**731019 12-oz jar (medium/40 mesh) \$6.99**

**UPC: 0 94051 31019 5**

**MC02 12 1-oz tubes (fine/100 mesh) \$20.99**

**UPC: 0 94051 92020 2**

## Engineering Design Process Magnets

Inspire future engineers! A key STEM topic, engineering is now required per the science standards. Oversized, flexible magnets help you model the whole engineering design process. Then use one oval at a time to guide elementary and middle school students through in-depth work at each step. Includes 5 colorful ovals (steps) and 5 fun lightning bolts to connect the steps. Ovals measure 9.5" W x 8" H each. **S**

**731077 Set of 10 \$20.99**

**UPC: 0 94051 31077 5**





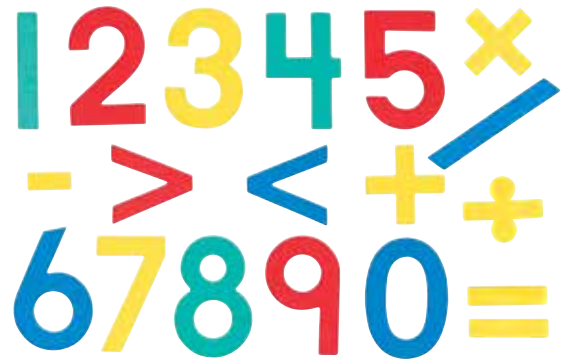
### Magnetic Two-Color Counters

Double-sided—just flip them over! Magnetic manipulative is so versatile. Great for teaching counting and cardinality, operations, base-ten concepts, and more. Feature flexible magnet material and red/yellow colors to match counters in the most popular math programs. Measure 1" each.

**Ages 3+/Grades PreK+**  

**732190 Set of 200 \$12.50**

**UPC: 0 94051 32190 0**



### Foam Fun™ Magnet Numbers

Fun, flexible version of an everyday learning tool! Bright colors and foam texture appeal to students in both visual and tactile ways. Includes 80 magnets (numerals 0–9 in improved font, plus operation signs) and activity booklet in a storage bucket. Numbers measure 2"H.

**Ages 3+/Grades PreK+** 

**732101 Set of 80 \$16.99**

**UPC: 0 94051 32101 6**



### Magnet Math™ Numerals

Build number fact fluency with magnetic manipulatives. Practice equations in a hands-on way—a more engaging method. Includes 100 flexible magnetic tiles (numerals 0–9 and operation signs). Each tile measures .88".

**Ages 3+/Grades PreK+**  

**MA13 Set of 100 \$5.99**

**UPC 0 94051 91313 6**



### Foam Fun™ Magnet Counters

Soft foam shapes that offer lots of learning! Versatile set can be used for counting, cardinality, sorting, and patterning. Includes 120 counters in 6 colors (30 each of 4 different shapes) and an activity booklet in a storage bucket. Largest shape measures 1.51"L.

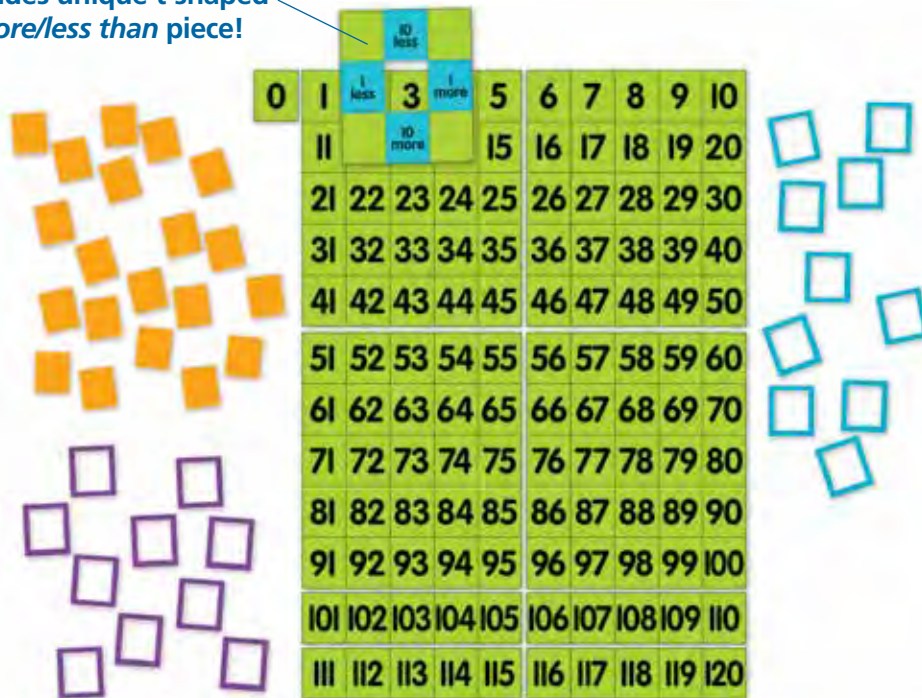
**Ages 3+/Grades PreK+** 

**732102 Set of 120 \$16.99**

**UPC: 0 94051 32102 3**



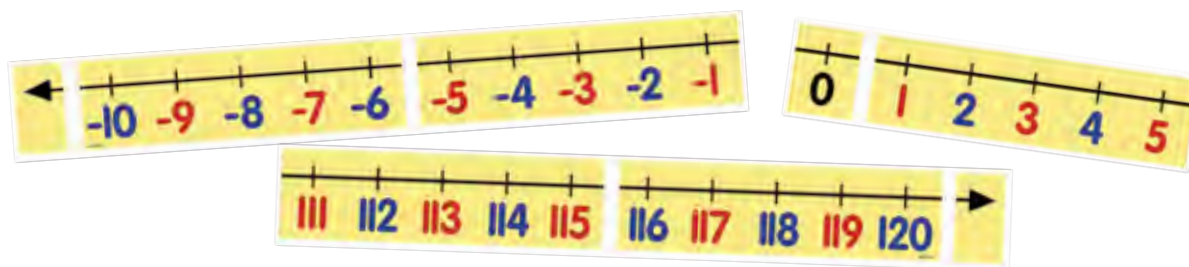
Includes unique t-shaped *more/less than* piece!



### Magnetic Demonstration 0 to 120 Chart

Helps you quickly build a hundred chart on your whiteboard...then build on easily to teach up to 120! Big quadrant pieces—no need for time-consuming assembly of many strips. Oversized, bold, and colorful—easy to see. Dry-erase surface. Includes chart pieces, 0 piece, 20 highlighting frames, 20 cover-up squares, and unique t-shaped *more/less than* piece for building mental math fluency. Assembled chart measures 24"W x 34"H! **Ages 6+ / Grades 1+**

**732165 Set of 50 \$32.99**  
**UPC: 0 94051 32165 8**



### Magnetic Demonstration Number Line, -10 to 120

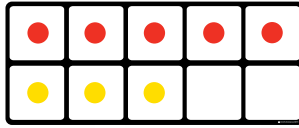
Bigger, bolder, and easier to see than other number lines! Yellow design "pops" visually on your whiteboard. Extends from -10 to 120 to reinforce numbers, counting, cardinality, and operations. Features color-coded numerals (red odds, blue evens, and black zero) and dry-erase surface. Includes number line segments (plus 2 blanks) and arrows. Each segment measures 10"W x 2.75"H.

**Ages 5+ / Grades K+**   
**732155 Set of 31 \$18.99**  
**UPC: 0 94051 32155 9**

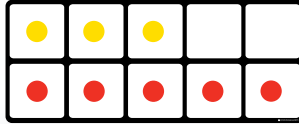
International packaging



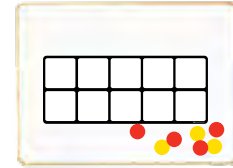
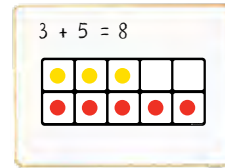
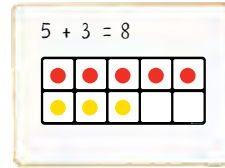
$$5 + 3 = 8$$



$$3 + 5 = 8$$



Includes two *demo* frames and four *student* frames!



### Ten Frames Magnet Set

No flimsy die-cut frames—*solid* rectangles! Set features two sizes of magnetic, dry-erasable frames! Large frames help teachers demonstrate base ten and operation concepts on the classroom whiteboard. Smaller frames are for student practice on lap boards. Includes 2 large demo frames, 4 student frames, and 60 magnetic two-color counters (double-sided red/yellow)! Student boards sold separately. Demo frames measure 15"W x 6.19"H.

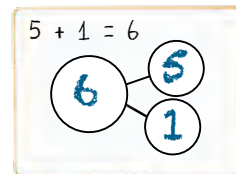
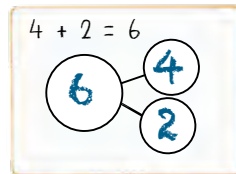
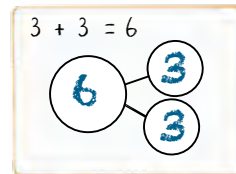
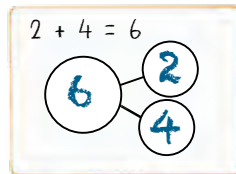
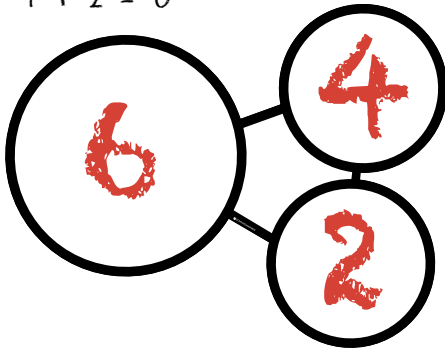
**Ages 5+/Grades K+** **732170 Set of 66 \$21.99 UPC: 0 94051 32170 2**

### Magnetic Two-Color Counters

**732190 Set of 200 \$12.50**  
**UPC: 0 94051 32190 0**

Student bonds and frames fit on our **Magnetic Dry-Erase Boards**, sold separately. See page 36.

$$4 + 2 = 6$$



Includes one *demo* bond and four *student* bonds!

### Number Bonds Magnet Set

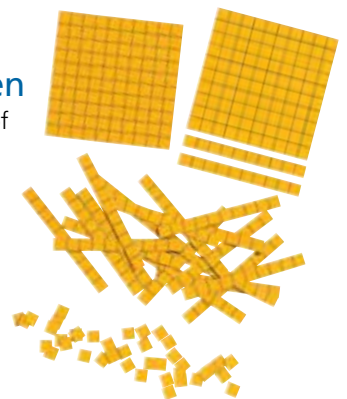
Includes two sizes of magnetic, dry-erasable bonds! Teachers use the large demo bond to model equations on the classroom whiteboard. Students use the smaller bonds to practice on lap boards. Includes 1 large demo bond and 4 student bonds (each bond die cut as a solid piece). Also can be used with our Magnetic Two-Color Counters. Student boards and counters, sold separately. Demo bond measures approximately 15.5"W x 12.3"H.

**Ages 5+/Grades K+**   
**732180 Set of 5 \$19.99**  
**UPC: 0 94051 32180 1**

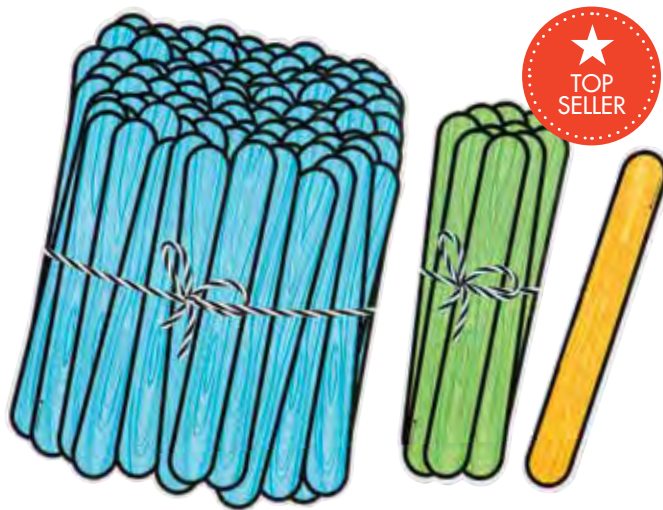
### Magnet Math™ Base Ten

Manipulate visual representations of place value, operations, fractions, decimals, percents, and more. Includes 2 flats, 20 rods, and 40 units. Each flat is 4.13"L x 3.75"W.

**Ages 5+/Grades K+**   
**MA12 Set of 62 \$5.99**  
**UPC: 0 94051 91212 2**





International packaging



Blue hundreds, green tens, and yellow ones!

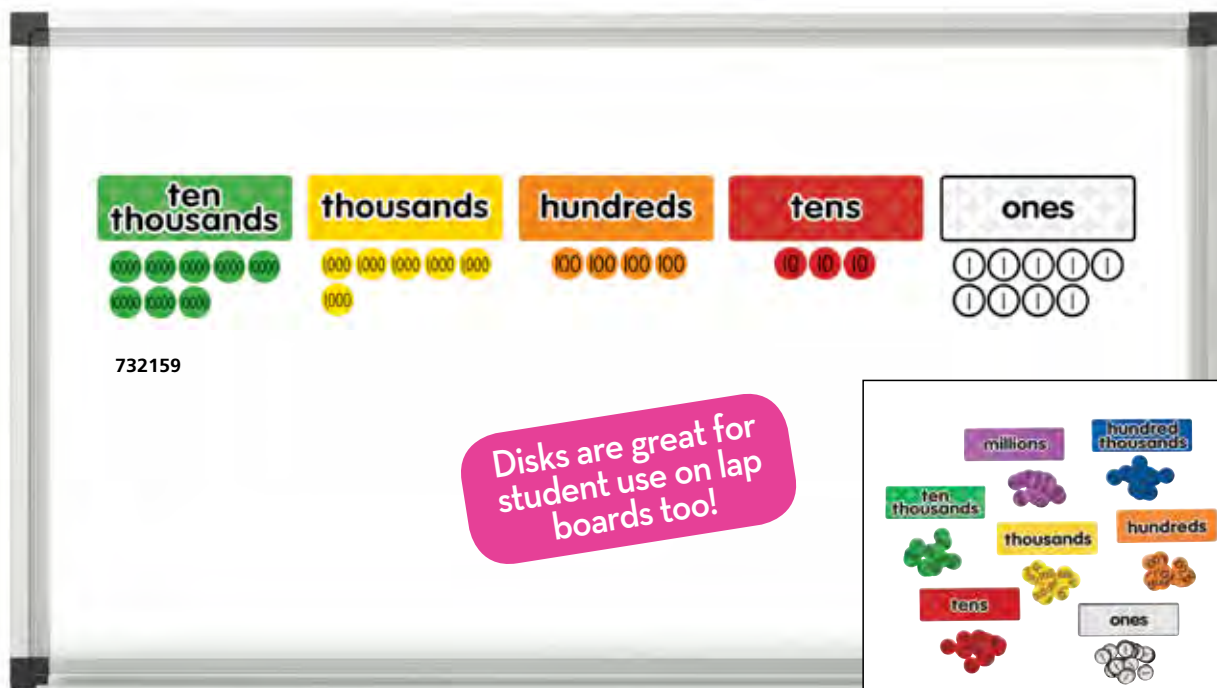
### Magnetic Demonstration Place Value Sticks

Big and colorful—great demo-size visual representations for place value! Try using them for tally charts too. Color coded by place value. Includes 5 blue hundreds, 20 green tens, and 20 yellow ones. Largest piece (blue hundred) measures 5"W x 6.9"H.  

**Ages 6+/Grades 1+**

**732158 Set of 45 \$14.50**



**UPC: 0 94051 32158 0**



732159

732162

### Magnetic Place Value Disks & Headings

Create and manipulate colorful place value charts on your whiteboard. Hand your students the disks for hands-on practice on lap boards too! Essential tool for all math series, especially the popular Asian math programs! Color coded by place value. Grades 1–3 set includes 140 disks (35 each of 4 places: thousands, hundreds, tens, and ones) plus 4 headings. Grades 3–6 set includes 140 disks (20 each of 7 places: millions, hundred thousands, ten thousands, thousands, hundreds, tens, and ones) plus 7 headings. Lap boards sold separately (7200000). Disks measure 1"D. Headings measure 6"W x 2"H.  

**732159 Ages 6+/Grades 1–3**

**Set of 144 \$15.99**

**UPC: 0 94051 32159 7**

**732162 Ages 8+/Grades 3–6**

**Set of 147 \$15.99**

**UPC: 0 94051 32162 7**

Place values are color coded to match the most popular math programs on the market!





### Magnet Math™ Coins

Identify coins and explore their values with flexible magnetic play money. Realistic design (actual sizes and colors). Assortment of 72 single-sided coins (sheets of heads and tails) includes: 40 pennies, 12 nickels, 12 dimes, and 8 quarters. **Ages 5+/Grades K+**

**MA10 Set of 72 \$5.99**

**UPC: 0 94051 91010 4**



### Magnet Math™ Bills

Flexible magnetic money teaches bill recognition, comparing values, making change, and more. Proportionally-sized and single-sided (front bill designs). Includes 12 bills: 5 ones, 4 fives, 2 tens, and 1 twenty. Each bill measures 4.56" W x 1.94" H. **Ages 5+/Grades K+**

**MA16 Set of 12 \$6.99**

**UPC: 0 94051 91616 8**



### Magic Penny® Magnet Kit

Best seller for over 20 years! Using real British coins, build unique designs as you explore geometry, art, and magnetism. Fourth edition includes 2 super large, strong magnets encased in stainless steel; 32 newly-minted British coins, a bonus US penny, and an activity booklet with 44 activities. **Ages 8+/Grades 3+**

**736500 Set \$25.99**

**UPC: 0 94051 36500 3**



Explore math and art concepts—shapes, geometric circle packing, symmetry, and planes—as you investigate magnetic forces!

## Foam Fun™ Magnet Pattern Blocks

Chunky, soft foam shapes are easy for little hands to pick up. Ideal for identifying, describing, and comparing 2-D shapes...plus much more. Includes 200 magnetic pieces (6 shapes and colors) and an activity booklet in a storage bucket. Measure .21" T each.

**Ages 3+/Grades PreK+** **C**

Includes:

- 20 Yellow hexagons
- 20 Orange squares
- 40 Green triangles
- 40 Red trapezoids
- 40 Blue parallelograms/rhombi
- 40 Tan parallelograms/rhombi
- Activity booklet
- Storage booklet

**732100 Set of 200 \$24.99**  
**UPC: 0 94051 32100 9**



Booklet includes 10 simple activities (in color) to get you started!



## Foam Fun™ Magnet Tangrams

Explore, compare, and compose shapes with these ancient puzzles. Soft, colorful foam is durable and easy to grasp. Includes 56 magnetic pieces (8 sets of tangrams in 4 colors) and an activity booklet stored in a handy bucket. Measure .22" T each. **Ages 3+/Grades PreK+** **C**

**732103 Set of 56 \$16.99**  
**UPC: 0 94051 32103 0**

## Junior Architect Magnet Set

Design and construct your own imaginative buildings! Great STEAM set for exploring art, spatial geometry, and engineering principles! Includes 150 magnets (architectural elements), instruction booklet with designs and background information; and a double-sided, magnetic dry-erase board (9" x 12").

**Ages 3+/Grades PreK+** **S**  
**736202 Set \$14.99**  
**UPC: 0 94051 36202 6**



Booklet includes designs and information on architectural periods and elements!



**GREAT  
for  
STEAM!**





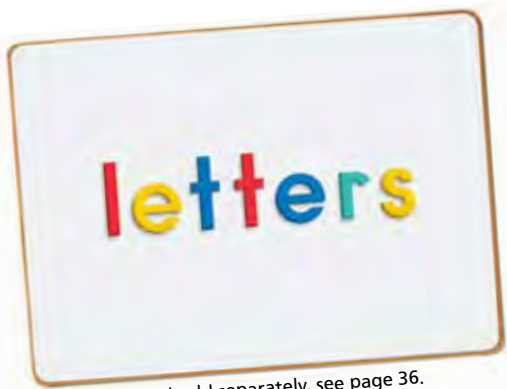
### Magnet Letters

Made for little fingers! Flexible foam is chunky and easy to handle. Perfect for letter identification, phonics, and word building/spelling activities. Available in uppercase and lowercase in various colors. Bright, 4-color sets are fun and appealing. Red and blue sets are color coded to help kids differentiate vowels from consonants. Black letters provide the highest visual contrast to support students with special needs. All sets come in a storage bucket. Letters are 1–2" H.

**Ages 3+/Grades PreK+**  



Convenient storage bucket with lid!



Board sold separately, see page 36.



No slipping—back side features a solid piece of flexible magnet!



Item Number	Format	Color	Contents	MSRP
<b>733100</b> UPC: 0 94051 33100 8	Uppercase	Red, blue, green, & yellow	58 letters & booklet	<b>\$15.99</b>
<b>733101</b> UPC: 0 94051 33101 5	Lowercase	Red, blue, green, & yellow	70 letters & booklet	<b>\$15.99</b>
<b>733102</b> UPC: 0 94051 33102 2	Uppercase	Red vowels & blue consonants	112 letters & booklet	<b>\$21.99</b>
<b>733103</b> UPC: 0 94051 33103 9	Lowercase	Red vowels & blue consonants	112 letters & booklet	<b>\$21.99</b>
<b>733104</b> UPC: 0 94051 33104 6	Uppercase	Black	108 letters & booklet	<b>\$21.99</b>
<b>733105</b> UPC: 0 94051 33105 3	Lowercase	Black	108 letters & booklet	<b>\$21.99</b>





### Fun with Letters Magnet Activity Set

Great for hands-on phonics and word-building centers! Includes 144 flexible magnet tiles with improved font (blue consonants and red vowels), magnetic dry-erase board (9" x 12"), and activity booklet. Letters (113 lowercase, 28 uppercase, and 3 blanks) measure 1".

**Ages 3+/Grades PreK+**

**733003 Set \$14.99**

**UPC: 0 94051 33003 2**



Letters are 1"H—perfect for student use!

Demo-size letters are 2"H!



### Let's Build™ Words Magnets

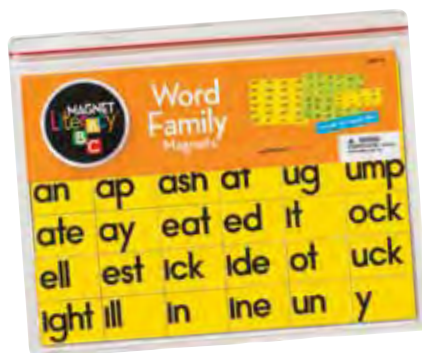
Comprehensive set covers lots of foundational literacy skills! Practice letter recognition, word families, and phonics/spelling. Large enough for whole-class demonstration or a magnetic word wall! Great for small groups. Color-coded (red vowels and blue consonants). Contains 121 magnet tiles featuring letters measuring 2"H. **Ages 5+/Grades K+**

**733016 Set of 121 \$34.99**

**UPC: 0 94051 80000 9**

Includes:

- 59 Common phonograms
- 26 Uppercase letters
- 26 Lowercase letters
- 4 Digraphs
- 6 Blanks
- Activity booklet



### Word Family Magnets

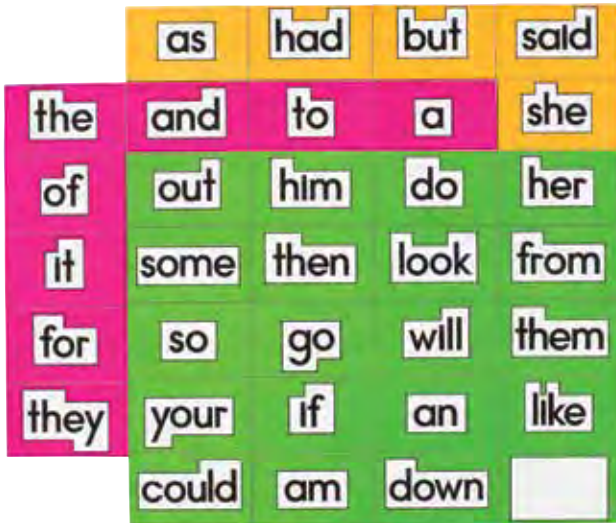
Motivating for beginning readers! Manipulating rhyming word families enables students to build lots of new words quickly...just by swapping out onsets! Includes 48 yellow rimes (endings), 36 green onsets (beginnings), and activity booklet. Color-coded magnet tiles measure 1.34"H each. **Ages 5+/Grades K+**

**733002 Set of 84 \$14.99**

**UPC: 0 94051 33002 5**

# English Language Arts

## High Frequency Words & Sentence Building



733000



733001

### High Frequency Words Magnets

Keep common words in sight! Display throughout the class to give students maximum exposure. Each tile is designed to feature the outline of the word's shape, which literacy research says helps children visually discriminate words (and improve reading fluency)! Magnets are color-coded by word frequency. Each set includes 57 words (from Dolch and Fry lists), 3 blanks, and an activity booklet. Tiles measure 1.7"H.

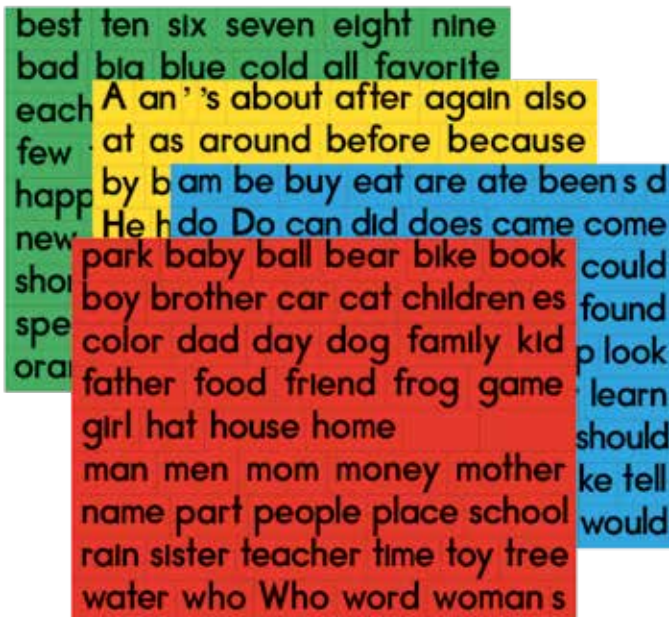
**733000** Ages 5+/Grades K+ Set of 60 \$14.99

UPC: 0 94051 33000 1

**733001** Ages 6+/Grades 1+ Set of 60 \$14.99

UPC: 0 94051 33001 8

New words and font!



I have a very good teacher .

### Sentence Building Magnets

Includes more magnets than any other set on the market! Color-coded by part of speech, too! Make a magnet sentence—practice sentence construction, parts of speech, related writing concepts, punctuation, and more. Includes 270 words, 16 punctuation marks, 6 blanks, and activity booklet. Tiles measure 1"H.

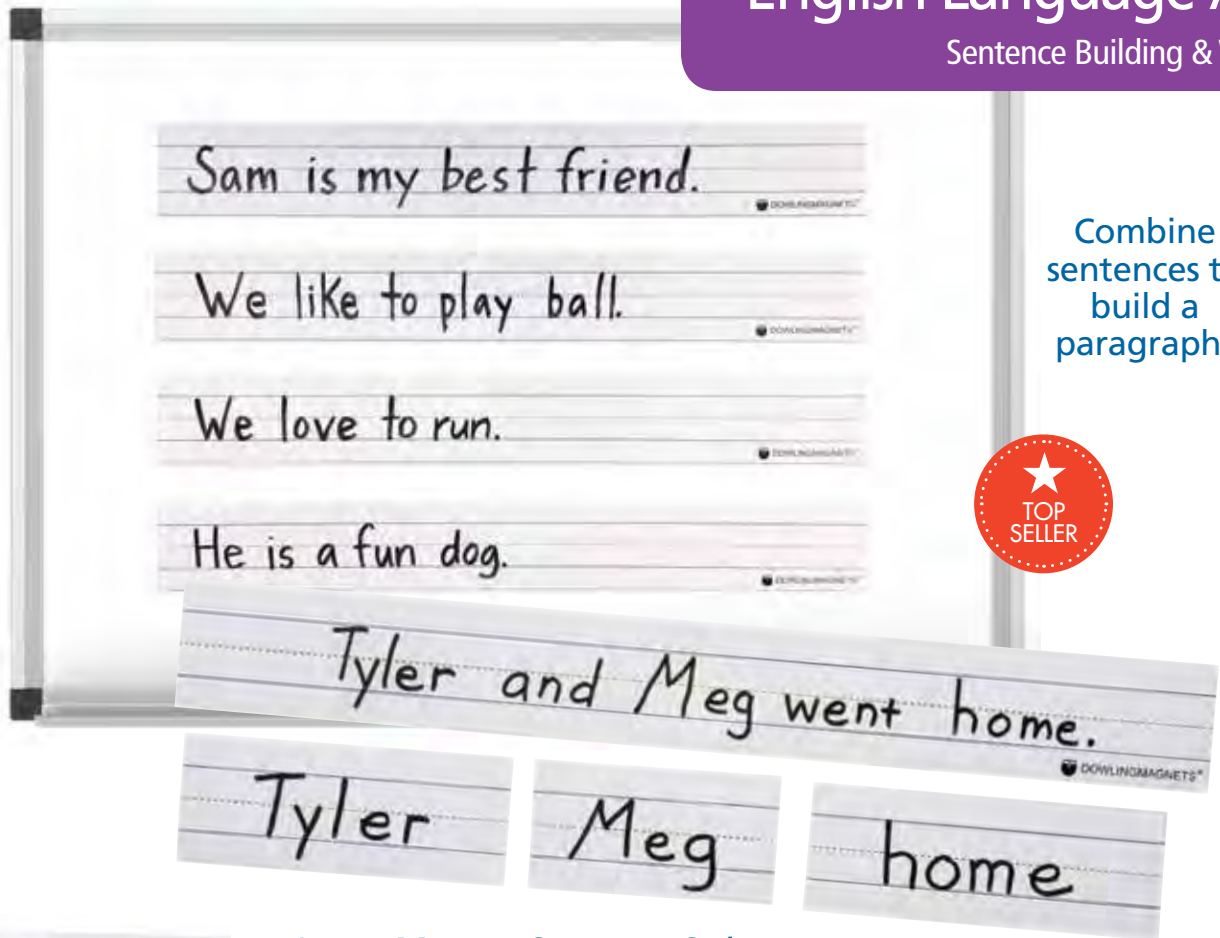
Ages 5+/Grades K+

**733018** Set of 292 \$19.99

UPC: 0 94051 33018 6

Includes more word magnets than competitive sets... and at a better price!





Combine sentences to build a paragraph!



Cut to size!

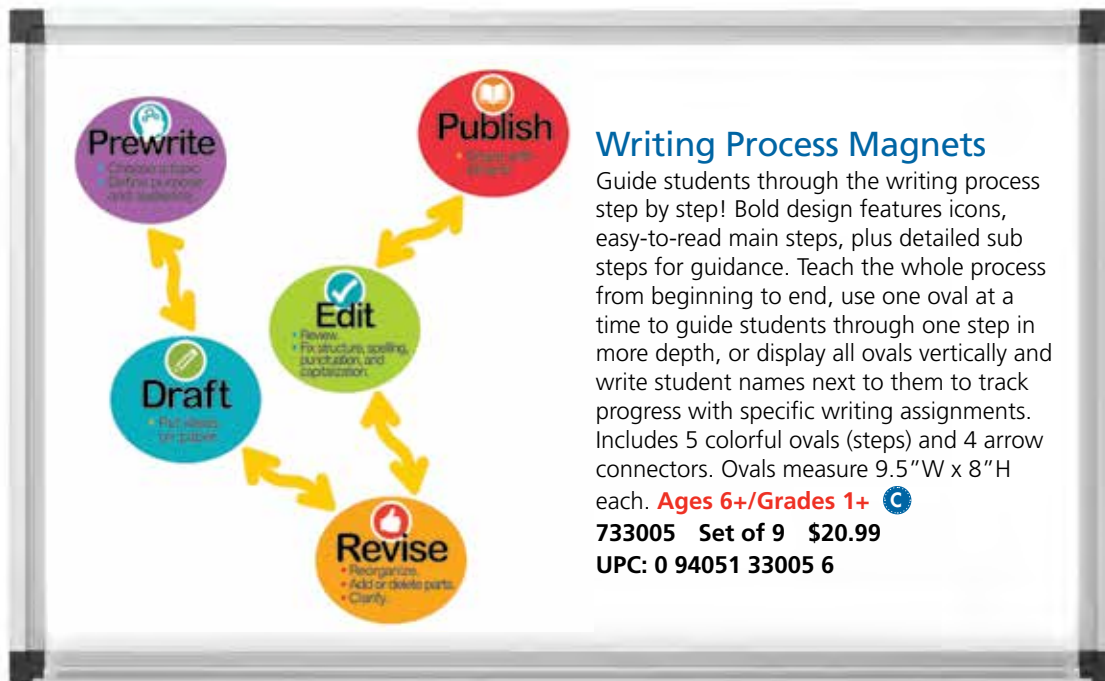
### Large Magnet Sentence Strips

Customizable length—just cut with scissors! Reusable, oversized sentence strips help you demonstrate sentence building, writing, grammar, and punctuation on the magnetic whiteboard at the front of the classroom. Use with dry-erase markers (not included). Each strip measures 24" W x 3" H. Ruling measures 1.5"H and .75"H. **C**

**Ages 5+/Grades K+**

**733020 Set of 10 \$19.99**

**UPC: 0 94051 33020 9**



### Writing Process Magnets

Guide students through the writing process step by step! Bold design features icons, easy-to-read main steps, plus detailed sub steps for guidance. Teach the whole process from beginning to end, use one oval at a time to guide students through one step in more depth, or display all ovals vertically and write student names next to them to track progress with specific writing assignments. Includes 5 colorful ovals (steps) and 4 arrow connectors. Ovals measure 9.5"W x 8"H each. **Ages 6+/Grades 1+ C**

**733005 Set of 9 \$20.99**

**UPC: 0 94051 33005 6**





## The Gang's All Here!

Engaging kits and sets for learning and play feature your favorite animal friends! Choose from classroom kits (page 31), small group kits (page 32), and individual play sets (page 33) in two themes (Farm and Wildlife). Bright, chunky animal magnets (horseshoes and wands) can pick up and carry baby and play food marbles. All components, including the low-power magnet marbles, are carefully safety tested.



Visit [DowlingMagnets.com/AM](http://DowlingMagnets.com/AM) for more information.

Classroom kits and small group kits include booklets with early literacy, math, science, social-emotional, and fine and gross motor activities...plus an animal fact card for every animal in the kit. Free activity masters and mini books online too!

All Animal Magnetism products include an animal fact card for every animal inside!

Look at everything you can learn!



Literacy



Fine motor development



Science



Imaginative play



Animal facts



## Classroom Kits

### Magnet Friends Big Packs

Classroom Big Packs include more than enough cool animal magnets (giant horseshoe, mini horseshoes, wands, and marbles) for early learning centers or multiple small groups in the class. Activity booklets include a wide range of early learning activities—not just science! A separate animal fact card is included for every animal magnet in the box, and there are even free activity masters and mini books online! Choose from two themes of Big Packs: Farm and Wildlife. Giant Horseshoe Magnet measures 8" H. **C** **S**



Farm, 736800



Wildlife, 736801

User	Item	Item Number	Contents	MSRP
Classroom (9–18 children)  Ages 4+/ Grades PreK+	736800 UPC: 0 94051 36800 4	Magnet Friends Big Pack: Farm	<ul style="list-style-type: none"> <li>• 1 Giant Horseshoe Magnet (8")</li> <li>• 4 Mini Horseshoe Magnets (4.5")</li> <li>• 4 Magnet Wands</li> <li>• 40 Magnet Marbles</li> <li>• 9 Animal fact cards</li> <li>• Activity booklet</li> </ul>	<b>\$54.99</b>
	736801 UPC: 0 94051 36801 1	Magnet Friends Big Pack: Wildlife		





## Small Group Kits

Mix play with learning! Horseshoes and wands can pick up and carry the baby and play food marbles! Includes literacy, math, science, fine and gross motor, and social-emotional activities, plus full-color animal fact cards. For small group learning or at-home play. Mini Horseshoes measure 4.5" H. Wands measure 7" C S L.

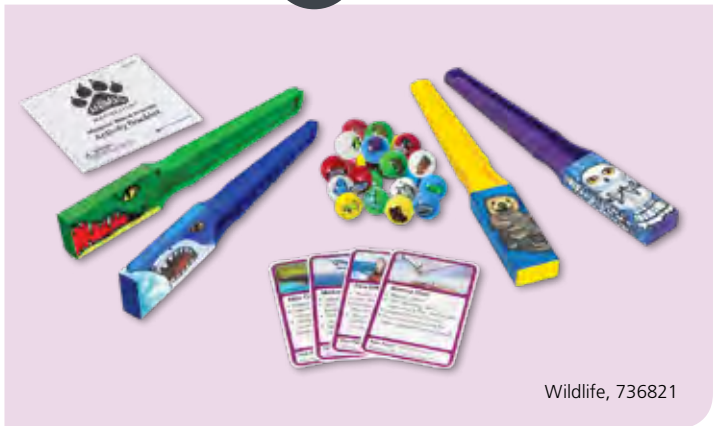
### Horseshoe Magnet Friends



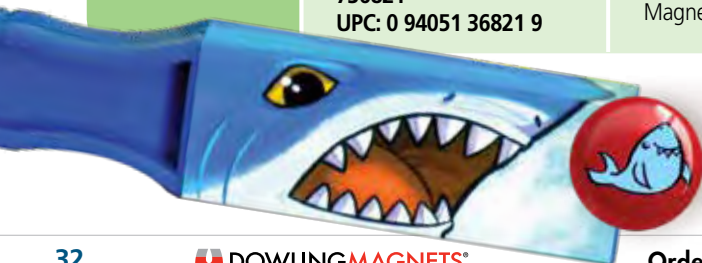
### Magnet Wand Friends



[DowlingMagnets.com/AM](https://www.dowlingmagnets.com/AM)



User	Item	Item Number	Contents	MSRP
Small group (4-8 children)  Ages 4+/ Grades PreK+	736810 UPC: 0 94051 36810 3	Horseshoe Magnet Friends: Farm	<ul style="list-style-type: none"> <li>• 4 Mini Horseshoe Magnets (4.5")</li> <li>• 20 Magnet Marbles</li> <li>• 4 Animal fact cards</li> <li>• Activity booklet</li> </ul>	\$29.99
	736811 UPC: 0 94051 36811 0	Horseshoe Magnet Friends: Wildlife		
	736820 UPC: 0 94051 36820 2	Magnet Wand Friends: Farm	<ul style="list-style-type: none"> <li>• 4 Magnet Wands</li> <li>• 20 Magnet Marbles</li> <li>• 4 Animal fact cards</li> <li>• Activity booklet</li> </ul>	\$24.99
	736821 UPC: 0 94051 36821 9	Magnet Wand Friends: Wildlife		



Roll the baby and play food marbles to the shark, and watch it catch them!





### Individual Play Sets



#### Giant Magnets



736830



736831



Creatures with fun play features!

#### Horseshoe Magnet Play Sets



Farm, 736850



Wildlife, 736851

#### Magnet Wand Play Sets



Farm, 736870



Wildlife, 736871

User	Item	Item Number	Contents	MSRP
<b>Individual play</b> (1–2 children) Ages 3+/ Grades PreK+ 	<b>736830</b> UPC: 0 94051 36830 1	Giant Cow Magnet (Farm)	<ul style="list-style-type: none"> <li>• 1 Giant Horseshoe Magnet (8")</li> <li>• 1 Animal fact card</li> </ul>	<b>\$12.99</b>
	<b>736831</b> UPC: 0 94051 36831 8	Giant Elephant Magnet (Wildlife)		
<b>Individual play</b> (1–2 children) Ages 4+/ Grades PreK+ 	<b>736850</b> UPC : 0 94051 36850 9	Pig Magnet Play Set (Farm)	<ul style="list-style-type: none"> <li>• 1 Mini Horseshoe Magnet (4.5")</li> <li>• 5 Magnet Marbles</li> <li>• 1 Animal fact card</li> </ul>	<b>\$9.99</b>
	<b>736851</b> UPC: 0 94051 36851 6	Penguin Magnet Play Set (Wildlife)		
	<b>736870</b> UPC: 0 94051 36870 7	Chicken Magnet Play Set (Farm)	<ul style="list-style-type: none"> <li>• 1 Magnet Wand</li> <li>• 5 Magnet Marbles</li> <li>• 1 Animal fact card</li> </ul>	
	<b>736871</b> UPC: 0 94051 36871 4	Crocodile Magnet Play Set (Wildlife)		

International packaging



Capitals underneath each state!

State products and resources, natural wonders, native animals and plants, and more!

Includes sturdy board!

## Magnetic USA Map Puzzle


Build your country from coast to coast! Fun, hands-on way to introduce geography. Map features attractions, resources, and natural wonders. Lift puzzle pieces to discover state capitals. Includes 39 puzzle pieces and sturdy magnetic dry-erase board measuring 18"W x 12"H.

**Ages 4+/Grades PreK+**  
**734000 Set \$19.99**  
**UPC: 0 94051 34000 0**



## Make a Face Magnet Set


Create hundreds of crazy, kooky faces! Builds imagination and fine motor skills, encourages discussion of self ("all about me") and emotions, and reinforces vocabulary for parts of the body. Includes 47 magnets (facial features), overlay sheet with 2 face shapes\*; and a double-sided, magnetic dry-erase board (9" x 12").

**Ages 3+/Grades PreK+**   
**736204 Set \$14.99**  
**UPC: 0 94051 36204 0**

Includes 47 facial feature magnets—eyes, noses, mouths, hair, glasses, and more!



\* We are proud to offer free face sheets in additional skin tones to appeal to children of various ethnicities. Download them at [DowlingMagnets.com/Faces](http://DowlingMagnets.com/Faces). For best results, print on high quality photographic paper.

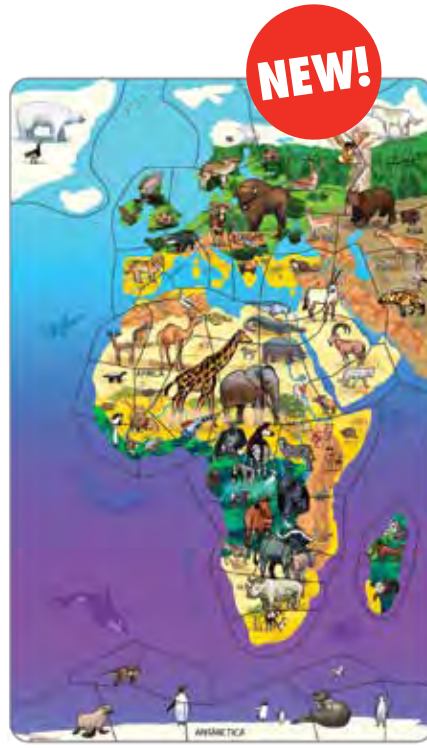
 International packaging



## It's a Wild World Out There!



734100



734110



734120

### Magnetic Wildlife Map Puzzles

Discover 100+ endangered, threatened, and common animals in their habitats! Boards show animal silhouettes and names to help children place the right pieces. Multi-continent puzzles feature hanger holes and stunning artwork in rich colors. Large animal fact sheet included. Hang the three puzzles separately or together for beautiful, worldwide décor in the classroom, playroom, or bedroom! Boards measure 11.5" W x 18"H each. **Ages 3+/Grades PreK+**

<b>734100</b>	<b>North &amp; South America</b>	<b>50 pieces</b>
<b>UPC: 0 94051 34100 7</b>	<b>\$19.99</b>	
<b>734110</b>	<b>Eurasia &amp; Africa</b>	<b>52 pieces</b>
<b>UPC: 0 94051 34110 6</b>	<b>\$19.99</b>	
<b>734120</b>	<b>Asia &amp; Australia</b>	<b>61 pieces</b>
<b>UPC: 0 94051 34120 5</b>	<b>\$19.99</b>	
<b>734130</b>	<b>Puzzle Bundle</b>	<b>Set of 3</b>
<b>UPC: 0 94051 34130 4</b>	<b>\$54.99</b>	

Over  
100 animals  
on each  
map!



Animal silhouettes and names printed underneath the puzzle pieces!







### Double-sided Magnetic Dry-Erase Board

Twice the work space—double-sided! Slim size and impressive durability (composite wood). Ideal for student use. Pair with magnetic manipulatives and dry-erase markers (not included) in classroom centers, at home, or for travel. Magnetic-receptive board measures 12"W x 8.75"H. **Ages 3+/Grades PreK+**

<b>7200000</b>	<b>Double-sided Blank</b>	<b>Each</b>	<b>\$4.50</b>
<b>UPC: 0 94051 32000 2</b>			
<b>735207</b>	<b>Double-sided Blank</b>	<b>Set of 5</b>	<b>\$19.99</b>
<b>UPC: 0 94051 35207 2</b>			
<b>7200025</b>	<b>Double-sided Line-Ruled/Blank</b>	<b>Each</b>	<b>\$4.50</b>
<b>735206</b>	<b>Double-sided Line-Ruled/Blank</b>	<b>Set of 5</b>	<b>\$20.50</b>
<b>UPC: 0 94051 35206 5</b>			

Impressive durability—  
made of composite wood!



### Magnetic Hall Passes

Say goodbye to flimsy hall passes that students lose! Chunky foam core makes these passes less "forgettable." Double-sided magnetic to store on your whiteboard, filing cabinet, or door frame until called into action. Includes 3 passes: hall, office, and bathroom. Passes measure 6" W x 2.25" H x .25" T each.

**735204 Set of 3 \$11.99**

**UPC: 0 94051 35204 1**

**Durable! Thick foam core!**



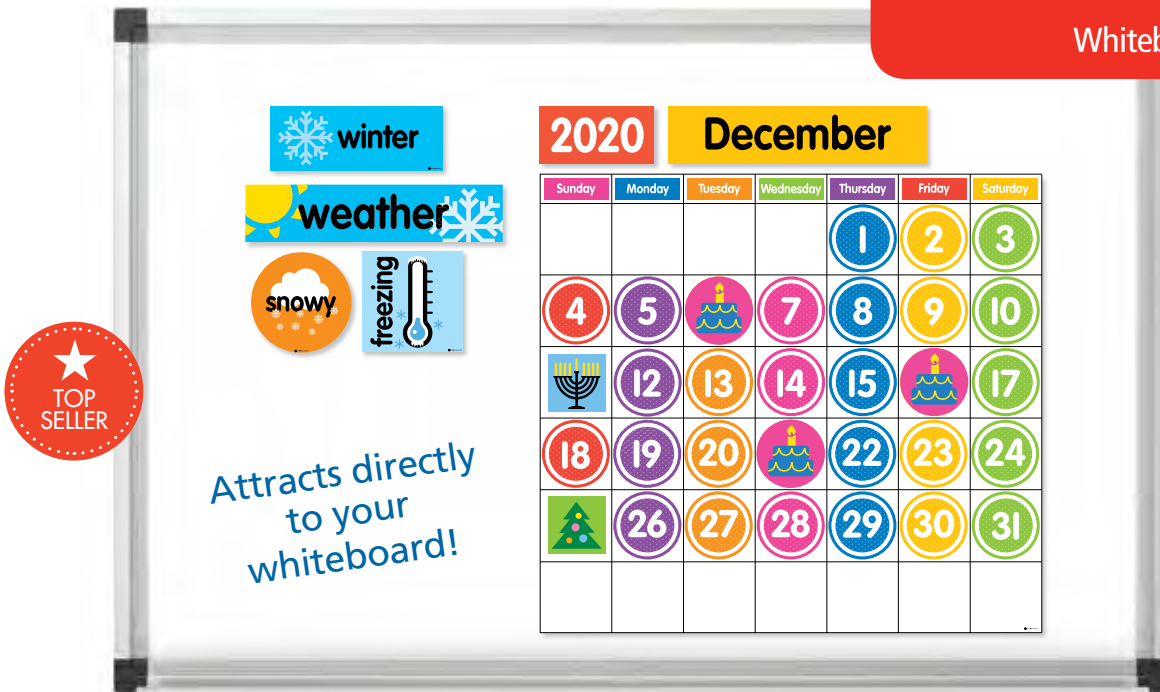
**Instant assessment tool can be displayed vertically or horizontally!**

**DowlingMagnets.com/ftfv**

### Fist to Five Check Magnets

Helps you instantly assess your students! Simply place the easy-to-read magnet strips on the whiteboard for students to reference at a glance year round. Call out "Fist to Five Check" to the class at any point during any lesson to have students raise their hands to quickly show their levels of understanding! Display vertically (12.7"W x 20.6"H) or horizontally on your board.

**Ages 6+/Grades 1+**  
**735211 Set of 7 \$8.99**  
**UPC: 0 94051 35211 9**



### Giant Magnetic Calendar Set

Bright, contemporary calendar attracts directly to your whiteboard—large and easy to see! Great for daily calendar activities every morning. Month grid is dry-erasable. Includes grid, years (plus blank), seasons, months, days, dates, birthdays, holidays, weather word and symbols, and temperature symbols. Grid measures 17.5" W x 16" H.

**735025 Set of 94 \$27.99**  
**UPC: 0 94051 35025 2**

### Themed Magnetic Whiteboard Erasers

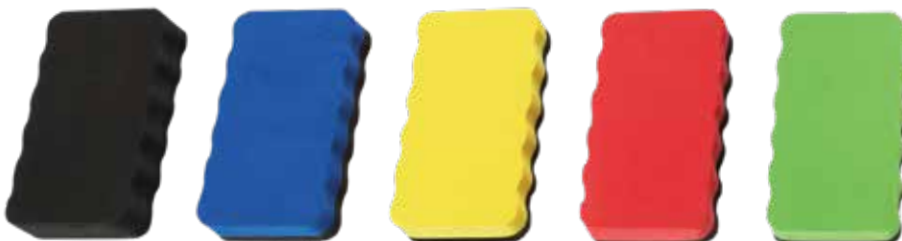
Fun, vibrant, teacher-chosen designs! So durable too! Chunky foam core is sandwiched between a felt eraser and a non-porous top surface that easily wipes clean. Die-cut erasers conveniently stick directly to your magnetic whiteboard. Measure approximately 3.5" x .75" T.

**735252 Mistakes Quote Each \$4.49**  
**UPC: 0 94051 35252 2**

**735254 Start Over Quote Each \$4.49**  
**UPC: 0 94051 35254 6**



[DowlingMagnets.com/tmwev](http://DowlingMagnets.com/tmwev)



International packaging

### Magnetic Whiteboard Eraser

No storage tray on your whiteboard? No problem! Conveniently adheres to any magnetic-receptive surface. Features lightweight, durable foam with contoured comfort grip, and felt eraser surface. Assorted colors. Eraser measures 4.25" L x 2.25" W x .88" T.

**735200 Each \$3.99**  
**UPC: 0 94051 35200 3**  
**7200005 (specify color)**



### Magnetic Name Plates

Reusable classroom management tool! Organize cooperative groups, assign helpers; personalize desks, lockers, cubbies, and more. Feature unique die cut and dry-erase surface. Measure 6"W x 2"H each.

Writing space is approximately 5"W x 1.13"H. 🌐

**735205 Set of 20 \$14.99**

**UPC: 0 94051 35205 8**

### Whiteboard Accessories Bundle

All the essentials! Make a great starter set for a new teacher or a new classroom too. Includes 6 Big Push Pin Magnets, 6 Button Magnets, 5 Ceramic Magnetic Hooks, 3 Big Block Magnets, and 1 Magnetic Whiteboard Eraser. Colors vary. Packaged in a basic poly bag (non-retail).

**735501 Set of 21 \$29.99**

**UPC: 0 94051 35501 1**



Save over 14%!



Help you lock the door immediately!



### Lockdown Magnets

Quick and easy to use in the event of an emergency lockdown! Strong, heavy-duty magnets are encased completely in sturdy plastic. Assorted bicolor design. Measure 2"L x 1"W x .50"T each.

**710D Schoolpack Set of 40 \$39.99**

**UPC: 0 94051 71000 1**

**MC15 Set of 12 \$13.99**

**UPC: 0 94051 92150 6**

**735015 Set of 3 \$4.99**

#### How to use:

1. Open the door. Place a magnet on each door's lock plate or steel frame. Leave the magnet there at all times.
2. Keep the door locked and open. (In non-emergencies, the magnet prevents the door from shutting and locking anyone out.)
3. In the event of a lockdown, simply remove the magnet and shut the door. It will lock immediately.

Sold in a convenient Schoolpack!





Teachers really do  
have eyes in the backs  
of their heads!



Math homework



## EAGLE EYES® MAGNETIC MIRROR

Keep your eyes on what your students are doing behind you! Place the magnetic mirror at the top of your whiteboard. When you are writing on your board, simply glance up to check on your students! Immediately see if someone enters, or walks by, your classroom door. Adjustable up and down and left to right. Features clear, wide-angle mirror; firm magnetic hold, non-slip base (5.5"), and hanger holes for mounting on non-magnetic surfaces too. Instructions included. Measures 18"W x 3.5"H x 3.5"D. 🌐

**735350 Each \$19.99**

**UPC: 0 94051 35350 5**

Watch at [DowlingMagnets.com/eemv](http://DowlingMagnets.com/eemv).  
Go to [DowlingMagnets.com/login](http://DowlingMagnets.com/login) to  
download for your site!



🌐 International packaging



**SAFE—Designed for Use in a *Children's* Environment!**

Oversized...with no exposed magnets!



### Hero Magnets

In search of safe magnets to use in the classroom or in a children's environment? Hero Magnets to the rescue! Chunky size with magnets completely encased in plastic. Strong display magnets help you get, and stay, organized. Great for whiteboards, filing cabinets, fridges, and more. Each set includes 3 bicolor magnets—flip them over to see a different bright color!

Big Rings are 1.38"D x .50"T and hold about 13 pieces of paper. Big Buttons measure 1.38"D x .50"T and hold approximately 10 pieces of copy paper. Big Blocks measure 2" L x 1" W x .50" T and hold 20 pieces of paper. 🌍



<b>735017</b>	<b>Big Ring Magnets</b>	<b>Set of 3</b>	<b>\$4.99</b>
UPC: 0 94051 35017 7			
<b>735014</b>	<b>Big Button Magnets</b>	<b>Set of 3</b>	<b>\$4.99</b>
UPC: 0 94051 35014 6			
<b>735015</b>	<b>Big Block Magnets</b>	<b>Set of 3</b>	<b>\$4.99</b>
UPC: 0 94051 35015 3			
<b>MC15</b>	<b>Big Block Magnets</b>	<b>Set of 12</b>	<b>\$13.99</b>
UPC: 0 94051 92150 6			
<b>710D</b>	<b>Big Block Magnets in display box</b>	<b>Set of 40</b>	<b>\$39.99</b>
UPC: 0 94051 71000 1			

Jumbo plastic-encased magnets!



**Super Strong!  
Super Safe!**

## Big Push Pin Magnets

High-power, rare earth magnets are completely encased in plastic. No worries if they end up in little hands (no small parts)! Oversized = easy to grab and hard to lose! Great for whiteboards, filing cabinets, fridges, and more. Each holds up to 10 pieces of copy paper! Measure 1.38" D x .50" T. 🌐

**735019 Set of 6 \$9.99**

**UPC: 0 94051 35019 1**

**735018 Set of 30 \$45.99**

**UPC: 0 94051 35018 4**



**NEW!**



★  
**TOP  
SELLER**

New 30-pack is great for school and office supply closets... or for in-store display!

FRONT

★  
**TOP  
SELLER**



BACK

**Double-sided!  
A different funny  
face on each side**



## Emoji Big Button Magnets

Super safe, super strong...and super silly! Make everyone smile—add some fun to your classroom, office, or fridge. Double-sided big button magnets feature 6 positive faces: laughing, proud, happy, silly, surprised, and uh oh! Oversized with magnets safely encased in plastic. Each holds about 10 pieces of copy paper each! Measure 1.375" D x .50" T. 🌐

**735020 Set of 3 \$5.99**

**UPC: 0 94051 35020 7**

🌐 International packaging





### Button Magnets

Bright as a button! Vibrant bicolor design and super strong holding power to organize and brighten up your classroom. Successful register display! Plastic-encased, ceramic magnets measure 1.13"D x .50"T each.

**711D Set of 40 in display box \$39.99**  
**UPC: 0 94051 71100 8**



### Ceramic Ring Magnets

Center-hole design makes them easy to grab and remove. Assorted colors. Measure 1.14"D x .26"T each.

**735010 Set of 6 \$4.99**  
**UPC 0 94051 35010 8**  
**CR101P Each B**



Rectangular shape is perfect for ceiling rails!

### Magnetic Hooks

Decorate your classroom by hanging objects from the ceiling! Perfect for drop ceiling railings, sides of file cabinets, and more. Help you stay organized too. Each hook measures 1"L x .88"W. 🌐



Item Number	Quantity	Material	Approx. Weight Allowance	MSRP
<b>735000</b> UPC: 0 94051 35000 9	4	Neodymium	20 lbs/each	<b>\$19.99</b>
<b>735008</b> UPC: 0 94051 35008 5	5	Ceramic	13 lbs/each	<b>\$9.99</b>

### Ceramic Disc Magnets

Basic discs are bright and get the job done. Assorted colors and two sizes.



Item Number	Quantity	Size	MSRP
<b>735011</b> UPC: 0 94051 35011 5	10	.75"D x .20"T	<b>\$4.99</b>
<b>675P</b>	1		<b>B</b>
<b>735012</b> UPC: 0 94051 35012 2	8	1"D x .16"T	<b>\$4.99</b>

🌐 International packaging



## Printable Magnet Sheets

Make your own custom magnets! Create your own designs or download one of our ready-made templates. Then simply print on your inkjet printer and cut with scissors! Print your own magnetic labels, learning tools or décor for the classroom, and more. Feature glossy white paper surface. Instructions included. Measure 8.5"W x 11"H. **Ages 3+ / Grades PreK+**

Measure 8.5"W x 11"H. **Ages 3+ / Grades PreK+**

**735004 Set of 4 \$8.99**

**UPC: 0 94051 35004 7**



## Magnet Tape in Dispenser

Flexible and extra thin—no added bulk! Features light adhesive and light magnet holding power. For delicate arts and crafts projects or for hanging paper or photos. Measures .75" W x 25' L.

**735001 Each \$7.99**

**UPC: 0 94051 35001 6**



## Arts & Crafts Bundle

Includes 100 individual Magnet Adhesive Dots (.75"D), 1 Magnet Tape in Dispenser, 1 roll of Adhesive Magnet Strip (1"W x 10'L), and 14 unfinished ceramic magnets (10 discs from .50"–1"D and 4 small bar magnets) that require your adhesive. Packaged in a basic poly bag (non-retail).

**735502 Set of 116 \$19.99**

**UPC: 0 94051 35502 8**

## Magnet Adhesive Dots

Display student work or post announcements on your whiteboard! Feature strong adhesive backs and light magnet holding power. Hang paper or create lightweight craft projects. Includes 100 pliable dots, each measuring .75"D.

**735007 Set of 100 \$5.99**

**UPC: 0 94051 35007 8**

## Magnet Strip

Item Number	Quantity	Size	MSRP
<b>735003</b> UPC: 0 94051 35003 0	1 Roll	.50"W x 10'L	<b>\$4.50</b>
<b>735005</b> UPC: 0 94051 35005 4	1 Roll	1"W x 10'L	<b>\$6.50</b>
<b>SA614</b> UPC: 0 94051 61400 2	48 Rolls	.50"W x 30"L/each	<b>\$35.99</b>

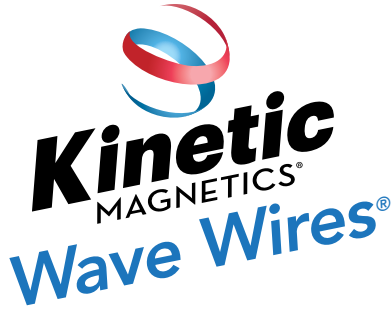


## Magnet Strip

Decorate and organize your classroom—just cut, peel, and stick! For lightweight arts and crafts and hobbies. Flexible strips are available in assorted sizes.

## Flexible Magnets Cut to Order

Looking for a different size? Contact us today at 800-MAGNET-1.



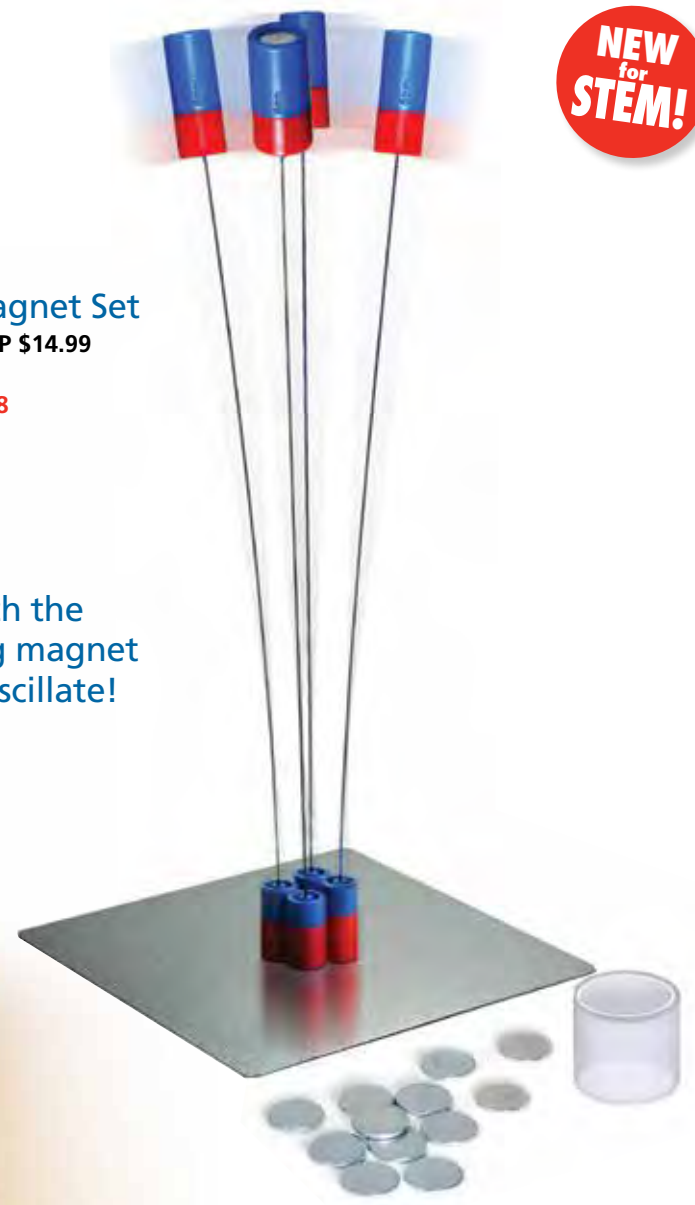
# Investigate Magnets and Their Crazy, Kinetic Interactions!

**NEW  
for  
STEM!**



**Wave Wires Magnet Set**  
731110 SET MSRP \$14.99  
UPC: 0 94051 31110 9  
Ages 8-14/Grades 3-8

Watch the repelling magnet wires oscillate!



**DOWLINGMAGNETS®**  
888 Larch Avenue, Elmhurst, IL 60126  
DowlingMagnets.com  
Orders@DowlingMagnets.com  
Phone 800-MAGNET-1  
800-624-6381  
630-359-9500  
Fax 888-366-2329  
630-359-9599

Customers who purchase more than \$1,000 wholesale per year may order directly from us. For customers below that benchmark, we ask that you order through Educators Resource at ERDealer.com or 800-868-2368.

**Prices listed in this catalog are the MSRP.**

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