





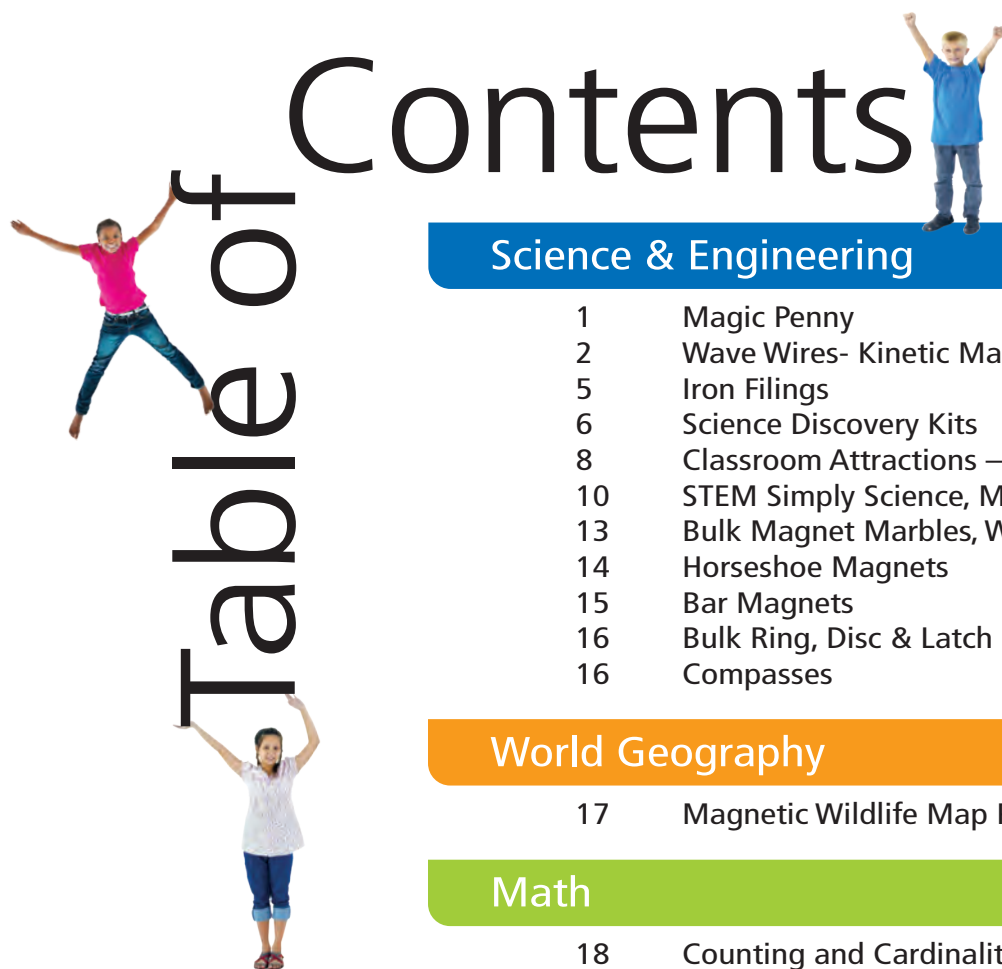
2021 Catalog



**NEW! Iron Filings
Variety Pack
includes activity
sheet – see page 5!**



-  Science & Engineering
-  World Geography
-  Math
-  English Language Arts
-  Teacher Resources



Contents

Science & Engineering

- 1 Magic Penny
- 2 Wave Wires- Kinetic Magnetics
- 5 Iron Filings
- 6 Science Discovery Kits
- 8 Classroom Attractions – Science kits for small groups
- 10 STEM Simply Science, Magnet Kits
- 13 Bulk Magnet Marbles, Wands and Chips
- 14 Horseshoe Magnets
- 15 Bar Magnets
- 16 Bulk Ring, Disc & Latch Magnets
- 16 Compasses

World Geography

- 17 Magnetic Wildlife Map Puzzles

Math

- 18 Counting and Cardinality
- 19 Numbers and Operations
- 22 Geometry

English Language Arts

- 23 Alphabet & Early Phonics
- 24 Phonics & Spelling
- 25 Sentence Building

Teacher Resources



- 26 Magnetic Dry-Erase Boards
- 26 Hall Passes, Fist to Five
- 27 Giant Magnetic Calendar Set
- 27 Whiteboard Erasers
- 28 Hero Magnets Blocks, Rings and Discs
- 29 Hero Push Pin and Emoji Magnets
- 30 Name Plates
- 30 Whiteboard Accessories Bundle
- 30 Lockdown Magnets
- 31 Printable Magnet Sheets
- 31 Magnet Strip, Tape and Dots
- 32 Button, Ring and Hook Magnets
- 33 Custom Kitting and Ordering Information



Watch at
DowlingMagnets.com/MagicPenny.
 Go to 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?

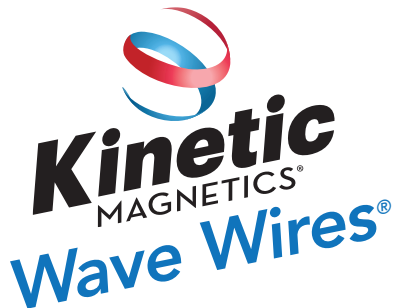
The Magic Penny® Magnet Kit...




- 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!





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!



Wave Wires Magnet Set

(1 small group or individual)

731110 SET MSRP \$14.99

UPC: 0 94051 31110 9

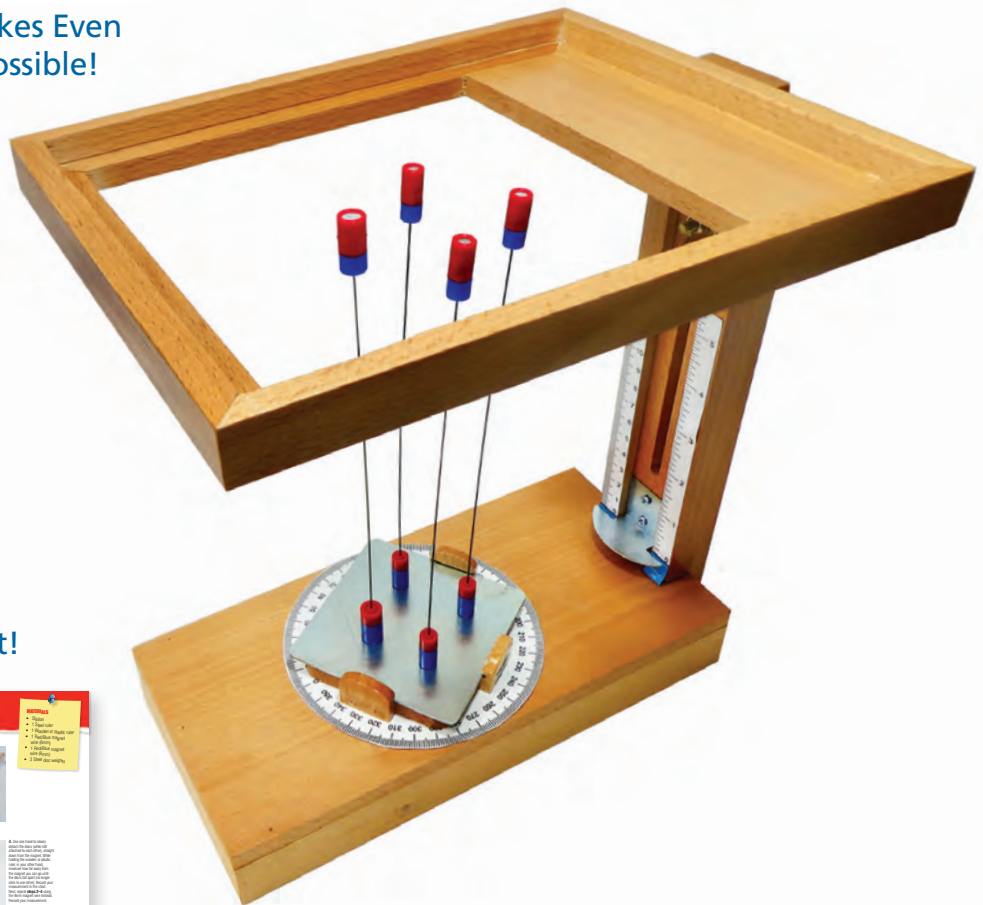
See page 4 for a list of components included.

Oscillation Station Makes Even More Experiments Possible!

Watch at DowlingMagnets.com/WW.
Go to DowlingMagnets.com/login
to download for your site!



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 4 for a list of components included.



Make iron filings dance!



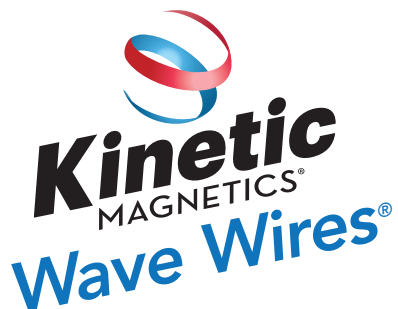
Propel steel balls inside the viewing tray.



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 Filings	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

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.

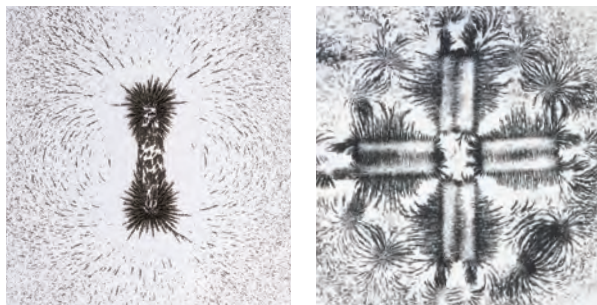
Ages 6+/Grades 1+ S

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

UPC: 0 94051 31019 5

MC02 12 1-oz tubes (fine/100 mesh) \$19.99

UPC: 0 94051 92020 2



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



Iron Filings Variety Pack

Go beyond standard iron filings! Get three different results in your STEAM magnetism experiments! Includes three jars, each with a different particle size of iron filings: FINE/100 mesh, MEDIUM/40 mesh, and COARSE/20 mesh. Each jar features a convenient, twist-top shaker lid with four options (sprinkle, sprinkle more, pour, or screw off the entire top). Reusable—put clean filings back into the jar. Pack is three jars (12 oz each of 100% pure iron) plus an activity sheet with 5 cool STEAM activities. Shrink wrapped to prevent spills in stores and shipping. **Ages 6+/Grades 1+ S**

731050 12-oz jars of each: (fine/100 mesh, medium/40 mesh, and coarse/20 mesh)



\$14.99

UPC: 0 94051 31050 8 S





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

Magnet Levitation Strip Only Item #LEV1 UPC: 0 94051 91000 5 **\$9.99**



Watch at DowlingMagnets.com/SDK.
Go to DowlingMagnets.com/login to download for your site!

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

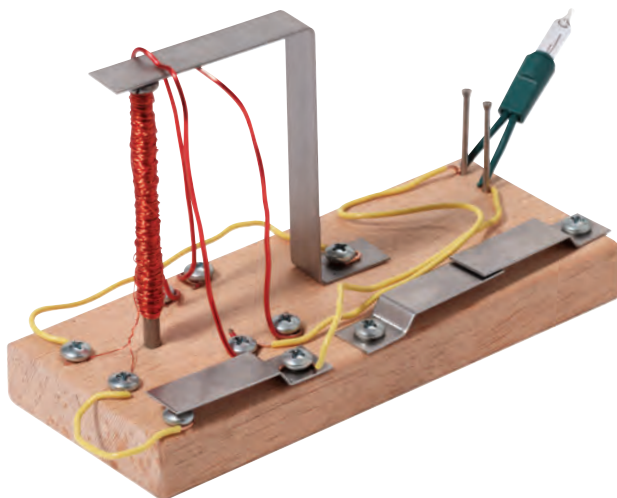
- Motion & stability: forces & interactions
- Matter & its interactions
- Energy
- Plan & carry out investigations
- Develop & use models
- Ask questions & define problems
- Engage in argument from evidence
- Construct explanations & design solutions
- Analyze & interpret data
- Cause & effect
- Patterns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



Magnet Levitation Kit



Electric Motor • Generator Kit



Electromagnet Kit



Science & Engineering

Magnet Kits

CLASSROOM

Attractions

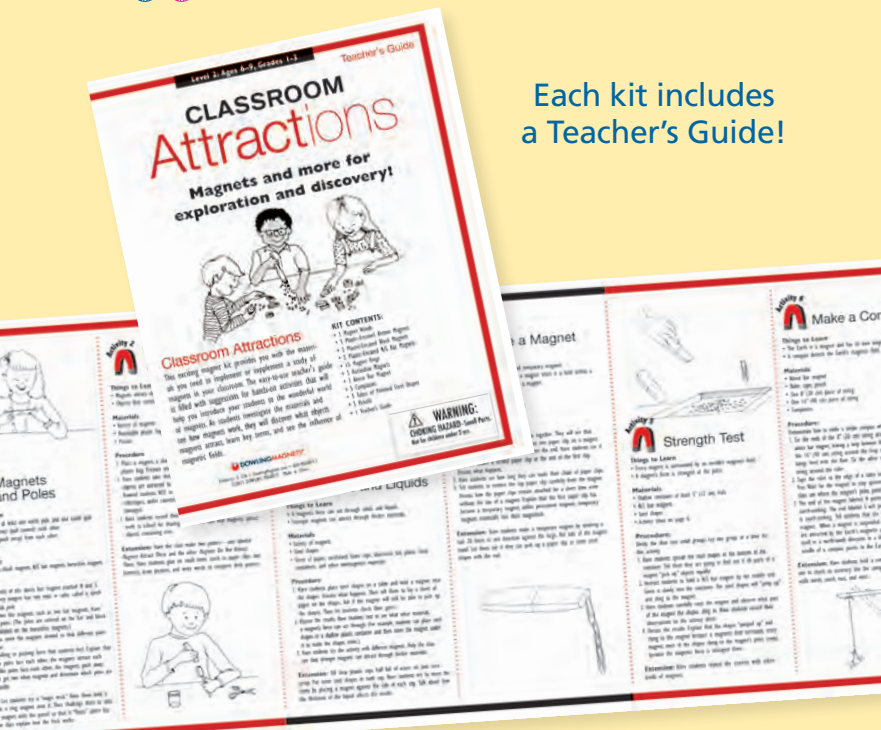
Comprehensive Magnet Labs






Supplement your science curriculum with comprehensive magnet labs aligned with *Next Generation Science Standards*! Investigate motion and stability, matter and its interactions, and more. Designed for groups of 5–10 students. Each kit includes a wide variety of magnets and accessories, plus a teacher's guide with 6 activities.



Each kit includes
a Teacher's Guide!



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



Watch at DowlingMagnets.com/CA.
 Go to DowlingMagnets.com/login to download for your site!

Science & Engineering

Magnet Kits



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+ S**

731009 Set \$23.99

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 1+ S

SS31 Each \$21.99

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+ S

731025 Set \$6.50

UPC: 0 94051 31025 6

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

40Z0002 Each/Bulk B



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+   

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



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



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+ 

SS10 Set \$6.99

UPC: 0 94051 10700 9

Science & Engineering

Magnet Kits



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.

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+** C S

731200 Set \$25.99

UPC: 0 94051 31200 7

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+

C S

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+


C S

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+** 

801 Each \$1.99 

UPC: 0 94051 80100 6

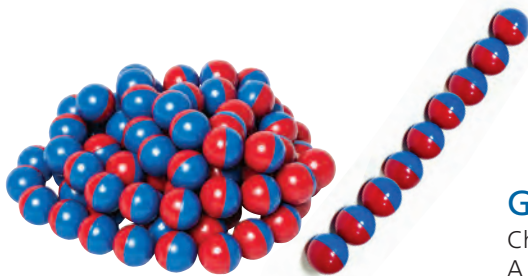
741095 Set of 6 in a bag \$11.99

741062 Set of 12 in a box \$23.99


UPC: 0 94051 41062 8

736625 Set of 24 in display box \$42.99

UPC: 0 94051 36625 3



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+** 

736715 Set of 100 \$29.99

UPC: 0 94051 36715 1

736717 Set of 400 \$99.99

UPC: 0 94051 36717 5



Solid-Colored Magnet Marbles

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

736710 Set of 400 \$99.99

UPC: 0 94051 36710 6

MC14 Set of 100 \$25.99

UPC: 0 94051 92140 7

736606 Set of 20 in clear dish \$7.50

UPC: 0 94051 36606 2



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+  

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+**  

BC100 Set of 100 \$6.99

736608 Set of 75 with Block Magnet in clear dish \$7.50

UPC: 0 94051 36608 6

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

UPC: 0 94051 36730 4

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
	731015 UPC: 0 94051 31015 7	1	Alnico	Red, includes keeper	2"	8+	\$9.99
	731014 UPC: 0 94051 31014 0	1	Alnico	Red, includes keeper	1"	8+	\$6.00
	MC08 UPC: 0 94051 92080 6	25	Ceramic	Red, poles marked	1.25"	8+	\$21.99
	731023 UPC: 0 94051 31023 2 7250035	1	Steel & neodymium	Red & silver, poles marked, includes keeper	6"	3+	\$11.50 B
	HSO1 UPC: 0 94051 00098 0	1	Plastic & Ceramic	Red, poles marked	8"	3+	\$7.50

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
 742135	2	Silver	6" L x .50" W x .25" T	3+	B
 741072	2	Red & white	4.5" L x .50" W x .25" T	5+	B
 741060	2	Silver	4" L x .50" W x .25" T	5+	B
 731011 UPC: 0 94051 31011 9	2	Silver	3" L x .50" W x .25" T	5+	\$14.99
 731013 UPC: 0 94051 31011 9	1	Silver Cow Magnet	3" L x 0.50" D	5+	\$9.99
 40Z0002	1	Silver Cow Magnet	3" L x 0.50" D	5+	B
 742120	2	Red & blue	2.95" L x .45" W x .24" T	5+	B
 731012 UPC: 0 94051 31012 6 742124	2 2	Silver	2" L x .50" W x .25" T	8+	\$11.99 B

Ceramic

Item Number	Quantity	Format	Size	Ages	MSRP
 712 UPC: 0 94051 71200 5	2	Red & blue	3.13" L x 1" W x .38" T	3+	\$7.50
 742060	1	Red & blue	3" L x .75" W x .25" T	5+	B
 MC01 UPC: 0 94051 92010 3	100	Red	1.13" L x .34" W x 0.25" T	8+	\$34.99



Ceramic Ring Magnets

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

Ages 8+/Grades 3+

735010 Set of 6 \$4.99

UPC 0 94051 35010 8

Ceramic Disc Magnets

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

Ages 8+/Grades 3+



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

Ceramic Disc Magnets

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

Ages 8+/Grades 3+ \$



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

Ring Magnets

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

Measure 1.13"D x .25"T.

Ages 8+/Grades 3+ \$

MC12 Set of 100 \$39.99

UPC: 0 94051 92120 9



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+ \$

MC05 Set of 30 \$39.99

UPC: 0 94051 92050 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+ \$

MC07 Set of 100 \$29.99

UPC: 0 94051 93007 2



Need a Custom Magnet?

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

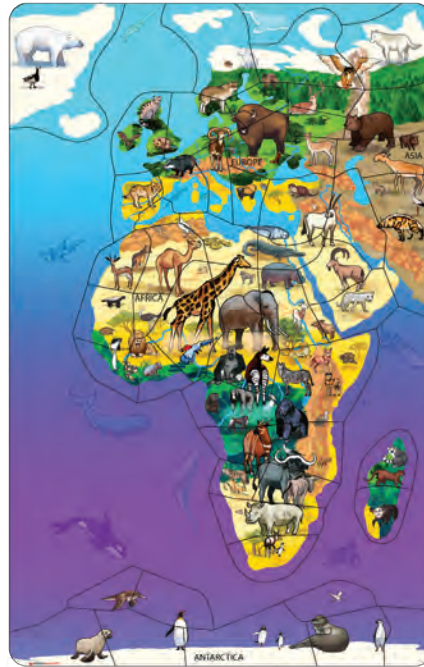
REQUEST A QUOTE TODAY!

Info@DowlingMagnets.com
800-MAGNET-1

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+**

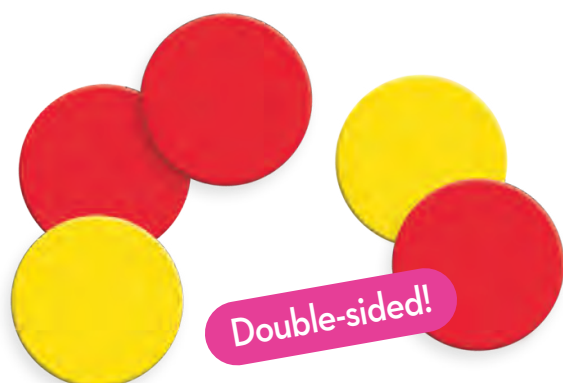
734100	North & South America	50 pieces
UPC: 0 94051 34100 7	\$19.99	
734110	Eurasia & Africa	52 pieces
UPC: 0 94051 34110 6	\$19.99	
734120	Asia & Australia	61 pieces
UPC: 0 94051 34120 5	\$19.99	
734130	Puzzle Bundle	Set of 3
UPC: 0 94051 34130 4	\$54.99	

Over
100 animals
on each
map!




Animal silhouettes and names printed underneath the puzzle pieces!





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 \$12.99

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) 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 .875".

Ages 3+/Grades PreK+  

MA13 Set of 100 \$5.99

UPC 0 94051 91313 6



Foam Fun™ Magnet Counters

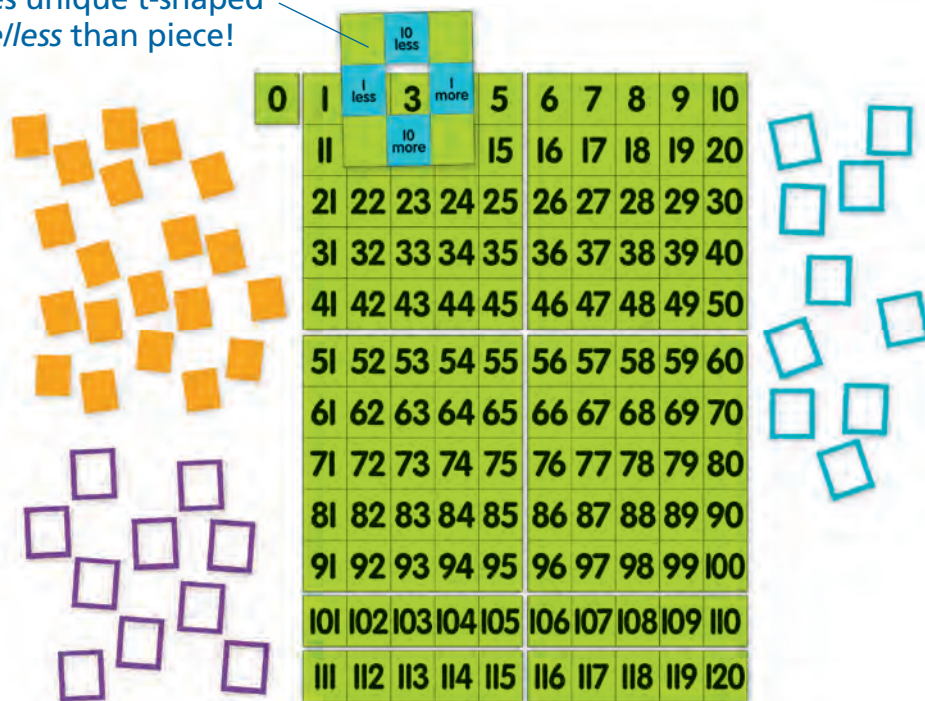
Soft foam shapes that offer lots of learning! Versatile set can be used for counting, cardinality, sorting, and patterning. Includes 120 counters in 6 colors (30 each of 4 different shapes) and an activity booklet in a storage bucket. Largest shape measures 1.50"L.

Ages 3+/Grades PreK+ 

732102 Set of 120 \$16.99

UPC: 0 94051 32102 3

Includes unique t-shaped
more/less than piece!

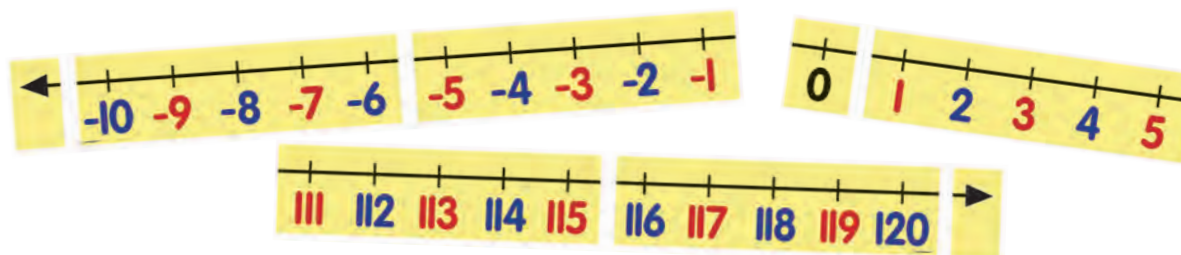


Magnetic Demonstration 0 to 120 Chart

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 \$39.99

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.

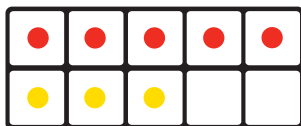
Ages 5+/Grades K+

732155 Set of 31 \$19.99

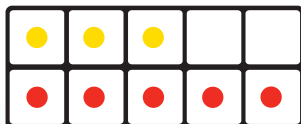
UPC: 0 94051 32155 9



$$5 + 3 = 8$$

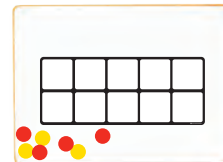
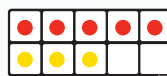


$$3 + 5 = 8$$

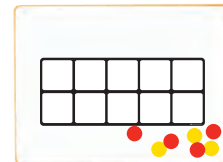
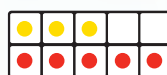


Includes two *demo* frames
and four *student* frames!

$$5 + 3 = 8$$



$$3 + 5 = 8$$



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.

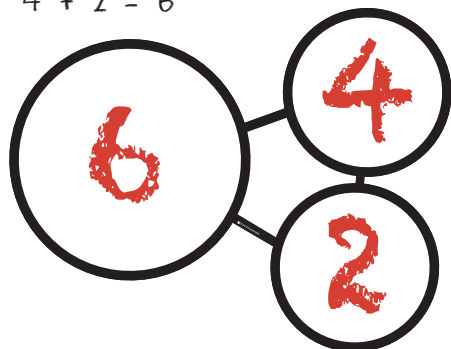
Ages 5+/Grades K+ **732170 Set of 66 \$23.99 UPC: 0 94051 32170 2**

Magnetic Two-Color Counters

732190 Set of 200 \$12.99
UPC: 0 94051 32190 0

Student bonds and frames fit on our Magnetic Dry-Erase Boards, sold separately. See page 26.

$$4 + 2 = 6$$



$$2 + 4 = 6$$



$$3 + 3 = 6$$



$$4 + 2 = 6$$



$$5 + 1 = 6$$



Includes one
demo bond
and four
student bonds!

Number Bonds Magnet Set

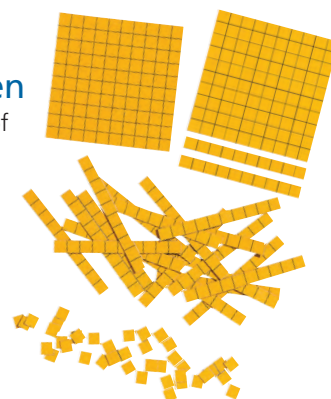
Includes two sizes of magnetic, dry-erasable bonds! Teachers use the large demo bond to model equations on the classroom whiteboard. Students use the smaller bonds to practice on lap boards. Includes 1 large demo bond and 4 student bonds (each bond die cut as a solid piece). Also can be used with our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

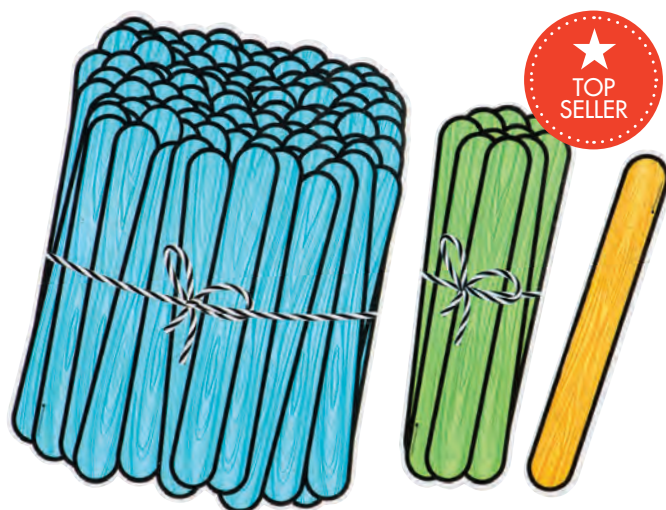
Ages 5+/Grades K+
732180 Set of 5 \$19.99
UPC: 0 94051 32180 1

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 3.75"L x 3.75"W.



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





Blue hundreds, green tens,
and yellow ones!

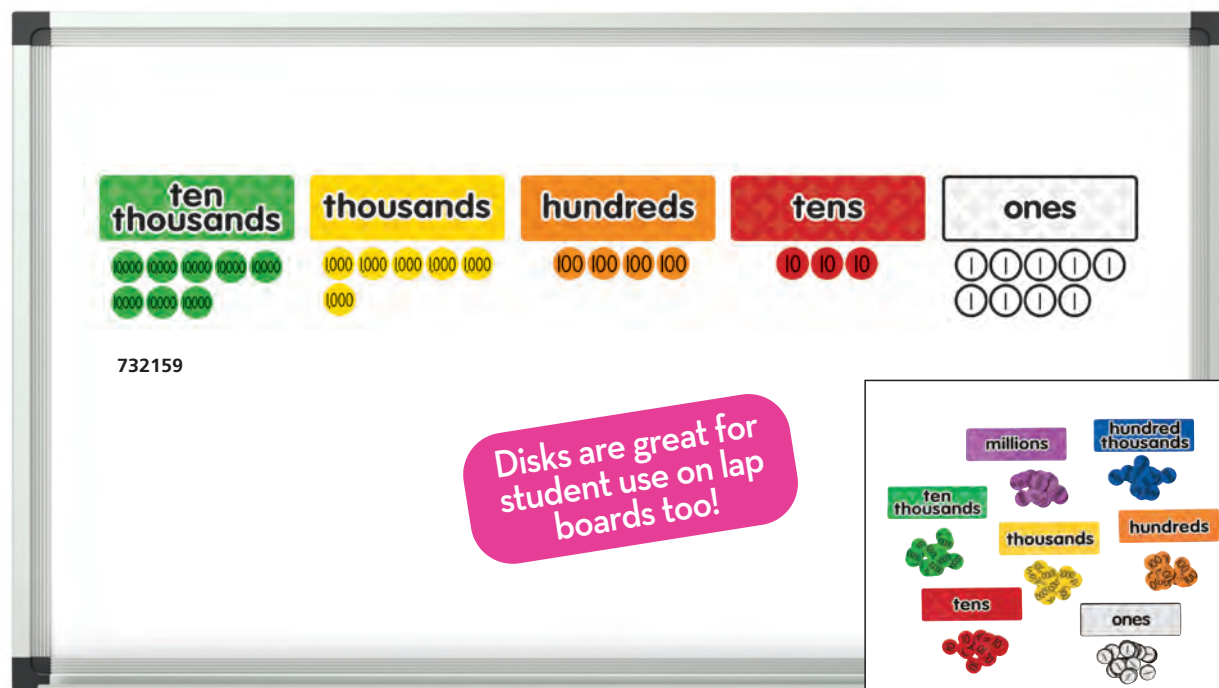
Magnetic Demonstration Place Value Sticks

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 7"H.  

Ages 6+/Grades 1+



732158 Set of 45 \$12.99

UPC: 0 94051 32158 0



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!



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



Foam Fun™ Magnet Pattern Blocks

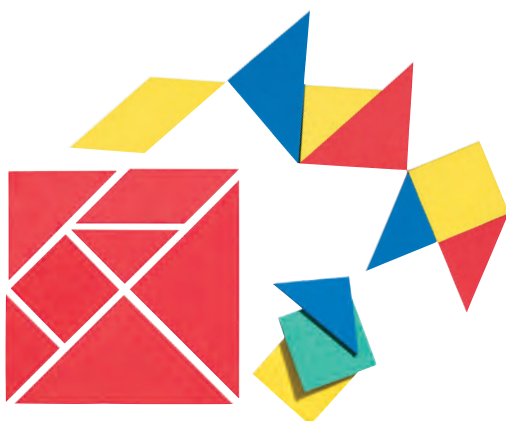
Chunky, soft foam shapes are easy for little hands to pick up. Ideal for identifying, describing, and comparing 2-D shapes...plus much more. Includes 200 magnetic pieces (6 shapes and colors) and an activity booklet in a storage bucket. Measure .21" T each.

Ages 3+/Grades PreK+ C

Includes:

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

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



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 .197" T each.

Ages 3+/Grades PreK+ C

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

STEAM 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 7+/Grades 2+ S
736221 Set \$19.99
UPC: 0 94051 36221 7




Booklet includes designs and information on architectural periods and elements!





Magnet Letters

Made for little fingers! Flexible foam is chunky and easy to handle. Perfect for letter identification, phonics, and word building/spelling activities. 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 26.



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



Item Number	Format	Color	Contents	MSRP
733102 UPC: 0 94051 33102 2	Uppercase	Red vowels & blue consonants	112 letters & booklet	\$21.99
733103 UPC: 0 94051 33103 9	Lowercase	Red vowels & blue consonants	112 letters & booklet	\$21.99
733104 UPC: 0 94051 33104 6	Uppercase	Black	108 letters & booklet	\$21.99
733105 UPC: 0 94051 33105 3	Lowercase	Black	108 letters & booklet	\$21.99



Fun

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). Each magnet measures 1-3/8" tall, and the letters are up to 1" tall.

Ages 3+/Grades PreK+

733003 Set \$14.99

UPC: 0 94051 33003 2

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 \$29.99

UPC: 0 94051 80000 9

Includes:

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



Letter is 2" tall,
magnet is 3" tall



Sentence Building Magnets

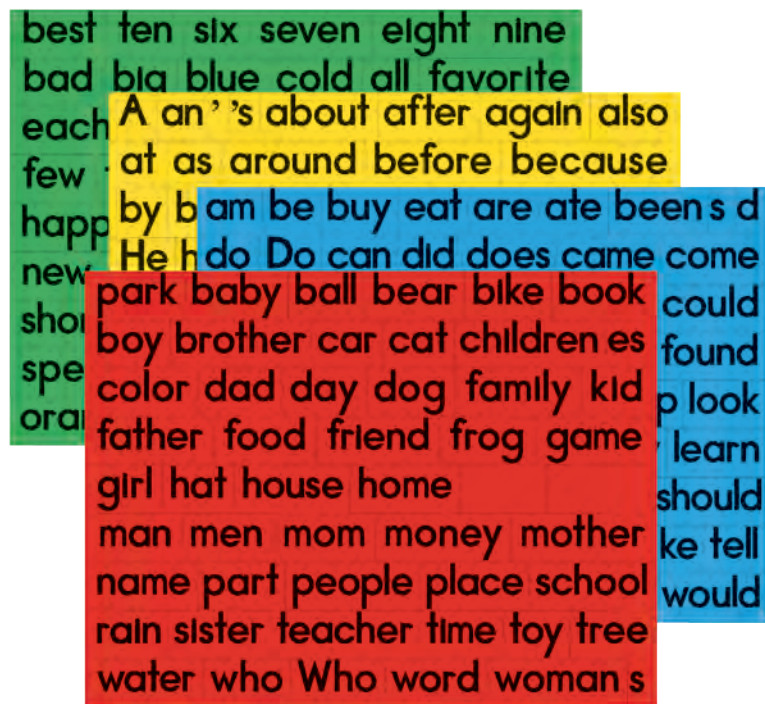
Includes more magnets than any other set on the market! Color-coded by part of speech, too! Make a magnet sentence—practice sentence construction, parts of speech, related writing concepts, punctuation, and more. Includes 270 words, 16 punctuation marks, 6 blanks, and activity booklet. Tiles measure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

Ages 5+/Grades K+ 

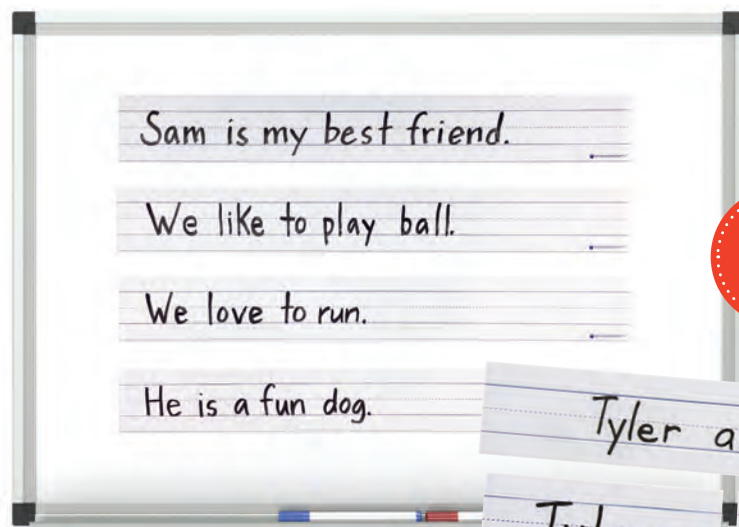
733018 Set of 292 \$19.99

UPC: 0 94051 33018 6

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



I have a very good teacher .




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. 

Ages 5+/Grades K+

733020 Set of 10 \$18.99

UPC: 0 94051 33020 9

Teacher Resources

Whiteboard Accessories



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+**

7200000	Double-sided Blank	Each	\$5.00
UPC: 0 94051 32000 2			
735207	Double-sided Blank	Set of 5	\$19.99
UPC: 0 94051 35207 2			
7200025	Double-sided Line-Ruled/Blank	Each	\$4.50
735206	Double-sided Line-Ruled/Blank	Set of 5	\$21.99
UPC: 0 94051 35206 5			

Impressive durability—
made of composite wood!

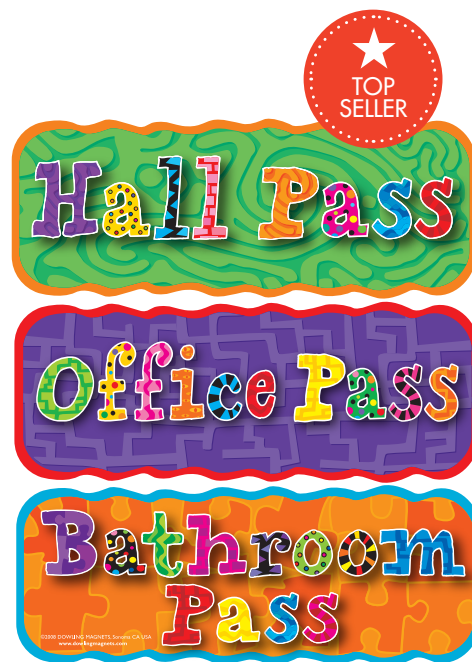
Magnetic Hall Passes

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



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



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. 🌍



735017	Big Ring Magnets	Set of 3	\$4.99
UPC: 0 94051 35017 7			
735014	Big Button Magnets	Set of 3	\$4.99
UPC: 0 94051 35014 6			
735015	Big Block Magnets	Set of 3	\$4.99
UPC: 0 94051 35015 3			
MC15	Big Block Magnets	Set of 12	\$13.99
UPC: 0 94051 92150 6			
710D	Big Block Magnets in display box	Set of 40	\$42.99
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



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



FRONT



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

Teacher Resources

Whiteboard Accessories & School Safety



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 \$15.99

UPC: 0 94051 35205 8

Whiteboard Accessories Bundle

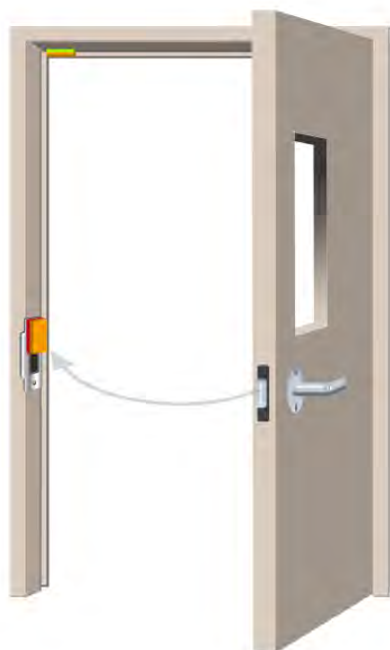
Save over 14%. All the essentials! Make a great starter set for a new teacher or a new classroom too. Includes 6 Big Push Pin Magnets, 6 Button Magnets, 5 Ceramic Magnetic Hooks, 3 Big Block Magnets, and 1 Magnetic Whiteboard Eraser. Colors vary. Packaged in a basic poly bag (non-retail).

735501 Set of 21 \$29.99

UPC: 0 94051 35501 1



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 \$42.99

UPC: 0 94051 71000 1

MC15 Set of 12 \$13.99

UPC: 0 94051 92150 6

735015 Set of 3 \$4.99

UPC: 0 94051 35015 3

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.





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. 🌐

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



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.

Teacher Resources

Classroom Organization/Display Magnets



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



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
735000 UPC: 0 94051 35000 9	4	Neodymium	20 lbs/each	\$19.99
735008 UPC: 0 94051 35008 5	5	Ceramic	13 lbs/each	\$9.99

Ceramic Disc Magnets

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



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

PRICING

Prices listed in this catalog are Suggested Retail Price (SRP) and are subject to our Minimum Advertised Price (MAP) Policy.

EDUCATORS RESOURCE

Dowling Magnets' pick and pack operations are fulfilled by our longtime distributor Educators Resource (ER). ER sells at our NET pricing for stocking orders, and also offers:

- 18,000+ educational SKUs in 14 categories from leading educational products manufacturers in stock, including all current Dowling Magnets SKUs!
- Consolidating of multi-vendor shipments, to save on shipping!
- B2C and B2B drop shipping with a custom packing list featuring YOUR logo!
- Just-in-time stock replenishment programs!

DEALER PORTAL

Visit **DowlingMagnets.com/login** to sign up for a dealer login. Our dealer portal contains product images for print and web, videos, product fact sheets, top-seller lists, price list, MAPP policy and more.

AMAZON SALES

Dowling resellers may not sell through Vendor Central or Seller Central FBA. Please contact us for more information.

CUSTOM KITS, BULK MAGNETS & BID SOURCING

If it's a magnet, we can help! Our parent company, Adams Magnetic Products, has dozens of sources around the world for literally everything magnetic! We also have access to a team of engineers, right down the hall! Bring us all your ideas and requirements and let us impress you!





Design and Construct your own Imaginative Buildings with STEAM Architect!

GREAT for STEAM!

Booklet includes designs and information on architectural periods and elements!



STEAM 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 7+/Grades 2+ S**

736221 Set \$19.99

UPC: 0 94051 36221 7



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Elmhurst, IL 60126

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Info@DowlingMagnets.com

Phone

800-MAGNET-1

800-624-6381

630-359-9500

Fax

888-366-2329

630-359-9599

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We make every effort to publish an error-free catalog with accurate pricing. However, factors out of our control, such as tariffs and raw material costs, can cause prices to fluctuate. We reserve the right to correct any errors and/or adjust pricing.

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