UNPLUG YOUR STEM SPACE!





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Where Creative and Critical Thinking Meet: **STEM on Your Wall!**

Creative, Critical and Sy

WHAT

...the Magnet Wall Offers:

- Playful, Unplugged Exploration of STEM
- Creative, Critical, and Systems Thinking
- Cause and Effect Relationships
- Physics and Engineering Principles
- 'If This, Then That' Algorithmic Concepts
- Problem Solving, Deductive Reasoning
- Opportunities for Failure, Perseverance, and Resilience
- Concept Design to Implementation and Evaluation
- · Collaboration, Communication, Team Building
- Endless Variations for Imaginative Discovery

HOW

...the Magnet Wall Engages:

- Developmentally appropriate from Early Years through High School and beyond...
- Designed to fully immerse students in hands-on, tactile, open-ended investigation and exploration
- Gender-neutral, inclusive, and non-prescriptive
- Offers cross-curricular and general capabilities skill development
- Allows for visualisation and observation of complex concepts through play
- Perfect for multi-age or peer-to-peer learning and support
- Encourages students to predict, hypothesise, test, and define their own criteria for success
- Provides a 3-dimensional, vertical discovery space, that can be extended off the wall, into the classroom
- Infinite expansion of learning opportunities with additional add-on kits and parts

THE MAGNET WALL IS THE ESSENTIAL, MUST-HAVE PIECE FOR EVERY **AUSTRALIAN LEARNING ENVIRONMENT!**

It will redefine your classroom space and offer an inclusive, engaging resource with limitless possibilities for learning.

Inspiring collaboration, innovation, prediction, and productive struggle, the Magnet Wall gives students opportunities to playfully elevate their learning and develop a foundation in STEM concepts, through unplugged, hands-on inquiry and creative discovery.

Use the Magnet Wall as an open-ended canvas for virtually any curriculum area or learning outcome!





Each of our Magnet Walls are carefully designed and manufactured by Kodo Kids in the USA and brought to Australian classrooms, libraries, museums, play spaces, and homes by Mud Kitchen.

The Magnet Walls are made up thick, durable powder-coated steel backing panels with frame pieces and ball catching trays. Each full-size wall comes with the STEM Fundamentals Pack of accessories that includes robust magnetic and non-magnetic ramps, magnetic rings and walls, cups, and wooden balls.

Each part has been thoughtfully designed with a focus on playful learning. Specifically engineered for a young learner's strength, the magnets are strong enough to hold even the heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety heaviest pieces, but are still very maneuverable and re-positionable on the wall. A variety of additional accessories provide options for learner-directed design and opportunities for productive struggle, resilience, and accomplishment. Add on our Magnet Wall accessories productive struggle, resilience, and accomplishment. Add on our Magnet Wall accessories as you go, or introduce your own found objects for endless ways to play!







Indoor Magnet Wall \$2190 in GST

- Simply and cleanly mounts to any type of interior wall, including a drywall, brick, cement, and more*
- Creates an intriguing, captivating centrepiece for learning space, common area, or entryway
- Visually enticing design encourages student-led investigations for learners of all ages
- Quality wooden frame and ball catcher tray are naturally durable and appealing
- Includes Magnet Wall STEM Fundamentals Pack of accessories at no extra cost
- Total installed dimensions: 172cm wide x 132cm high x 20cm deep, for indoor use only

Outdoor Magnet Wall \$2365 inc GST

- Designed for all-year EXTERIOR use with highly weather resistant powder-coated panels and natural wood-look durable plastic frame and ball catcher tray.
- Mounts easily to a variety of surfaces, including wooden and metal fences, brick and concrete walls, siding, and more*
- Perfect for creating a quiet outdoor play space, a 'buddy' meeting spot, or as a sand pit add-on
- Use with included wooden balls, sand, water, mud, ice or whatever you have on hand
- Includes Magnet Wall STEM Fundamentals Pack of accessories at no extra cost
- Total installed dimensions: 172cm wide x 132cm high x 20cm deep, intended for outdoor use

Mobile Magnet Wall \$3185 inc GST

- Easy-roll, lockable wheels make this Magnet Wall portable and simple to move between rooms
- Access to both sides of the Wall panels means there is double the space to play (ball catcher tray on one side only), or create ramp systems that wrap from one side to the other
- Create an interactive Magnet Wall play space wherever you like the versatility makes it great value for money!
- Can be used outdoors, but should be kept dry and stored indoors overnight, or when not in use
- High-quality, sturdy wooden frame and ball catcher tray with powder-coated thick metal panels are durable and long-lasting
- Includes Magnet Wall STEM Fundamentals Pack of accessories at no extra cost
- \bullet Total installed dimensions: 183cm wide x 130cm high x 79cm deep, assembly required

Have a bigger space? Talk to us about Extension Options for your Indoor or Outdoor Magnet Wall and add Extra, Endless Fun!

* Assembly required, some mounting hardware included, however, please note that other hardware not included might be required to secure the Wall depending on the mounting surface. Please ensure wall is firmly and securely mounted before allowing play.



LOOSE PARTS AND SYSTEMS THINKING

Systems are made up of parts, and the more loose parts you have, the greater the opportunity for integration, invention, and problem solving. Young learners naturally become skilled systems thinkers as they engage with the Magnet Wall, designing and building highly complex ball courses and contraptions.

Each time parts are arranged and adjusted, students come to recognise how individual pieces and singular changes affect whole systems. This type of investigative play invites prediction, offers failure points, provides immediate feedback, and compels students to analyse and improve on their designs. The result is experiential systems thinking, all possible through student-directed, open-ended play!

Add-on Packs:

STEM Fundamentals Pack \$798.50 inc GST

Included with every magnet wall, this pack offers a great starter solution that, when combined, creates endless possibilities for systems thinking! Available as an extra add-on pack to have plenty of options for play. Includes 4 magnetic ramps in a variety of sizes, 2 non-magnetic ramps in different lengths, 25 wooden balls, 4 magnetic deflector walls, 5 magnetic rings, and 8 cups.

Chutes and Tubes Pack \$324.50 inc GST

This pack of magnetic pieces includes a redirector, funnel with ring, two tunnels, and an elbow allowing exploration of the many ways a ramp path can be redirected, even off the wall into classroom!



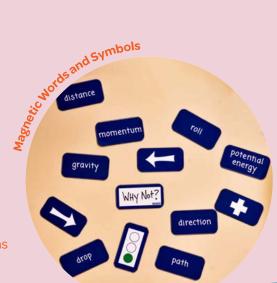


Add-on Packs:

Magnetic Words and Symbols

\$185.50 inc GST

This variety pack of STEM-related words and symbols helps learners make connections between ramp play and scientific language, and can be used to create challenges, to label actions, or to deepen investigations on the Wall, Pack of 60, includes some blank to add your own terms.



Magnet Wall Rubber Ramp \$324.50 inc GST

The popular Rubber Ramp track now finds a home on the Magnet Wall! This kit includes two 1.8m sections of sturdy, flexible Rubber Ramp and 6 magnetic mounting pegs allowing for single or side-by-side Rubber Ramp loops, bumps, paths, and tracks

Magnet Wall Wooden Coasters Ramp Pack \$845.50 inc GST

Add complexity and variety to Magnet Wall play with these high-quality, sturdy wooden ramps that resemble ski jumps and roller coaster tracks. Integrates easily with other Accessories and includes 7 magnetised wooden coaster ramps in varying lengths and curves.

Magnet Wall Wooden Gears Pack

\$485.50 inc GST

Explore mechanisms, gear rotation, simple machines, and motion with this set of large magnetised smooth-spinning wooden gears on the Magnet Wall. Five gears in three different sizes allow for a wide variety combinations to discover how size, order, number of 'teeth' impact efficiency.

Magnet Wall Water Pack \$265.90 inc GST

Perfect for the Outdoor Magnet Wall, this pack includes clear flexible tubing, funnels, cups, and magnetic rings for extensive exploration of play with water, sand, mud, and more!

Magnet Wall Investigations Book

\$29.50 inc GST

Compiled specifically for use with the Magnet Walls, this book offers everything you need to get started with playful learning using the Magnet Wall, includes activity descriptions, material lists, suggested library books, vocabulary, assessment indicators, and teaching tips.







Deflector Walls Pack \$146.50 inc GST

4 extra magnetic walls for use with the Magnet Wall. The walls are solid, flat squares that can be used to create deflectors, stops, platforms, and more.

Rings Pack \$159.50 inc GST

Set of 6 magnetic rings to hold ramps, cups, tubing, or tunnels on the Magnet Wall.

Ramps Pack \$286.50 inc GST

Extra ramps compatible with the Magnet Wall, including 4 magnetic ramps in various sizes and 2 non-magnetic ramps in two lengths.

Wooden Balls, 10 pack \$44.80 inc GST

Extra balls to supplement your existing supply or replace lost balls, mixed sizes.



MAGNET WALL ORDER PLANNER



Indoor Magnet Wall



Outdoor Magnet Wall



Mobile Magnet Wall

Take the guesswork out of deciding on a Magnet Wall with our simple Order Planner!

Discover what will work best for your space, then check out the 'How to Order' section at the bottom of this page to purchase your very own Magnet Wall...

WHICH MAGNET WALLS BEST FIT YOUR LEARNING ENVIRONMENT?

	Indoor Magnet Wall	Outdoor Magnet Wall	Mobile Magnet Wall
Assembled Size (cm)	172 w x 132 h x 20 d	172 w x 132 h x 20 d	183 w x 130 h x 79 d
For Use Indoors	X	*	X
For Use Outdoors		X	X**
Can Get Wet		X	
Fixed in Place	×	x	
Single Playing Surface	X	X	
Lockable Wheels for Easy Movement			X
Double Playing Surface			X
Includes STEM Fundamentals Accessories Pack	X	X	X
Compatible with all Magnet Wall Accessories	X	X	X
Can be Extended with Extra Panels (sold separately)	×	x	
Ships Australia-wide from Melbourne warehouse	X	X	X
Materials	Wooden Frame and Ball Catcher Powder-Coated Metal Backing Boards	Wood-look Plastic Weather-Resistant Frame and Ball Catcher Powder Coated Metal Backing Boards	Wooden Frame and Ball Catcher Powder Coated Metal Backing Boards Rubberised Wheels
Manufacturer	Kodo Kids	Kodo Kids	Kodo Kids
Country of Origin	USA	USA	USA
Item No.	KKMW02	KKMW03	KKMW04
Price inc GST (AUD, not inc shipping)	\$2190	\$2365	\$3185

^{*}Can be mounted inside, but designed for outdoor use

Please note: All Magnet Walls ship flat and require some on-site assembly. Magnet Walls are made to order and inventory levels may vary, please allow additional time for order fulfillment. Order payment can be made by credit card, cheque, or bank deposit, and is required prior to order processing. Invoice terms available for approved customers. Prices current as of printing, but may change without notice. Please see website for updates.

HOW TO ORDER:

On-line at Mudkitchen.com.au or email Sales@mudkitchen.com.au Have questions? Email us or ring 1300 79 6062



sold in australia by mudkitchen.com.au 1300 79 60 62

A Business of Playable Spaces Pty Ltd ABN 41 617 459 300



^{**} Can be used outdoors but recommended to be stored inside overnight or when not in use