

Getting Started Guide

Classroom Makerspace Cart

Thank you for purchasing the hand2mind Classroom Makerspace Cart! This short guide will help you get your new cart ready for student use quickly and easily. No tools are necessary! The first section explains how to attach the wheels and drawer stops, the second section shows you how to assemble the drawer dividers, and the last section walks you through how to load the cart with all the makerspace materials.

Step 1

Attaching the labels and wheels.

Insert wheels in the holes in the bottom of all four corners.



- Aluminum foil, cups, plastic wrap, sponges
- Craft & hardware items, fasteners, gears
- Electrical & sewing items, string, ties, wheels
- Clothespins, corks, craft sticks, dowels, toothpicks
- Balls, compact disks, magnets, plates
- Dowels, pipe cleaners, straws, yarn
- Cardboard, colored paper, craft foam, felt, filters
- Building blocks, cardboard tubes, tool set
- Clay, copper tape, glue dots, tape, Wikki Stix®

The color of the gear on each label corresponds to the color of the drawer. Affix each label to the upper-left side of the handle as shown.

Blank labels are also included for easy customization of drawer contents.

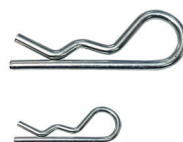
Step 2

Attaching the hitch pin clips. (Step 2 is optional)

The hitch pin clips are used as drawer stops. Pull the drawer out slightly and slip 2 clips on either side of the top of the drawer.

Large hitch pin clips – x2 (top drawer)

Small hitch pin clips – x16 (lower 8 drawers)

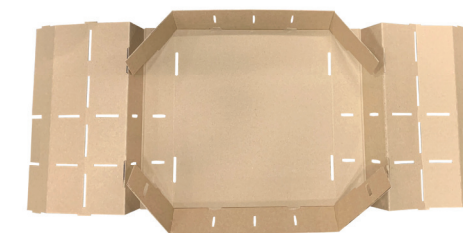


Place one large hitch pin clip on the right top side of the top pink drawer (as shown). Repeat on the left top side. Place the small hitch pin clips on the lower eight drawers in the same positions.

Divider assembly

Step 3

Lay box bottom flat on the table so that the longest sides are horizontal. Lift the top & bottom sections and fold in the 4 tabs.



Step 4

Flip the right side of the box over the two right tabs that were folded in. Bend the center section up to create a compartment divider.



Step 5

Flip the left side of the box over the two left tabs and fold the center edge up create a double center divider.



Step 6

Long divider – x2

Insert the long dividers first, making sure the open notches are facing up. Place the small tabs on the bottom and ends of the divider in the bottom and side guiding holes respectively.



Step 7

Short divider – x2

To build the 12-slot divider

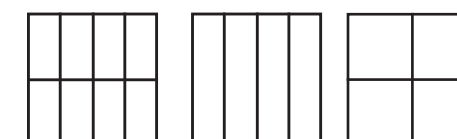
Place short dividers so that the open notches (facing down) go over the open notches on the long dividers and the end and bottom tabs fit securely into the bottom and side guiding holes.



Step 8

Repeat Steps 1–4 to build an additional 12-slot divider and the three remaining drawer divider assemblies shown at the right.

Note: Reference the chart for the number of divider layouts needed.



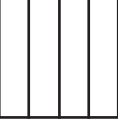
Loading the drawers

Materials come prebagged by drawer. Load the drawers according to the lettered drawer designations below. Use the charts to choose the correct divider arrangement and contents per divider for each lettered drawer.

Drawer	Material	KIT QTY
A No Divider	Aluminum Foil	1
	Plastic Cups, 10 Oz	50
	Plastic Wrap	1
	Sponges	12
	Paper Cups, 3 Oz	50

Drawer		Material	KIT QTY
<div>B</div> <div>12 slots</div> <div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div>	Small slot	Beads, Assorted	1 PKG
		Binder Clips	24
		Brass Fasteners, ½"	100
		Nails, 2 ½"	25
		Rubber Bands, Thin	1 PKG
		Washers	48
		Wiggly Eyes	100
		Shared slot	Screws
	Wing Nuts		25
	Long slot	Gears	6 SETS
		Pom Poms	100
		Rubber Bands, Thick	1 PKG
Spools		24	

Drawer	Material		KIT QTY	
<div>C</div> <div>12 slots</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	Small slot	Battery Holders	12	
		Buzzers	6	
		Cable Ties	100	
		Copper Wire	1 ROLL	
		LED Bulbs	105	
		Motors	12	
		String, Cotton	1 BALL	
		shared slot	Needles, Embroidery	25
			Thread	3 SPOOLS
	Long slot	Wire Leads	18	
		Stir Sticks (Wheel Axles)	60	
		Geared Wheels	24	
Narrow Wheels		50		
<div>D</div> <div>8 slots</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		Clothespins	18	
		Corks	20	
		Craft Sticks, Large	200	
		Craft Sticks	150	
		Skill Sticks	300	
		Toothpicks	500	
		Wood Dowels, 4"	25	
		Wood Dowels, 6"	40	
		<div>E</div> <div>4 slots</div> <div><div></div><div></div><div></div><div></div></div>	Share slot	Balls, 1" Foam
Marbles	50			
Share slot	Compact Discs		24	
	Plates		60	
Share slot	Magnet Tape		2 ROLLS	
	Magnets, Disc		24	
Table Tennis Balls			24	

Drawer	Material	KIT QTY
F 4 slots 	Pipe Cleaners	200
	Straws	250
	Wood Dowels, 12"	40
	Yarn	1
G No Divider	Cardboard	20
	Coffee Filters	100
	Colored Paper	50
	Craft Foam, Blue	6
	Craft Foam, Green	6
	Craft Foam, Red	6
	Felt Cloth	12
H No Divider	Blocks, Strictly Briks®	3 BAGS
	Cardboard Tubes	18
	Hole Punch	1
	Screwdriver, Phillips	1
	Screwdriver, Slotted	1
	Stopwatch	1
	Tape Measure	1
	Wire Stripper	1
I No Divider	Clay	6 LBS
	Masking Tape	3 ROLLS
	Packing Tape	2 ROLLS
	Wikki Stix	240
	Glue Dots	1 BOX
	Conductive Tape	1 ROLL

For more information visit: hand2mind.com/maker

To order additional materials visit: hand2mind.com/makerrefill



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