Lego Bin with Baseplate Storage
Plans by The Handyman's Daughter
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Materials Needed - [See blog post for links]

- One 6 foot 1 x 10 board
- One 12" x 24" sheet of Plexiglass
- Plexiglass scorer or Plexiglass jigsaw blade
- Plexiglass drill bits
- 10" x 10" Lego baseplates
- 1/2" screws
- 1" spade bit
- Drill
- Jigsaw
- Table saw or circular saw
- Clamps
- Kreg Jig
    - Don't have one? [Here's my guide to figuring out which Kreg Jig is right for you].

- 1 1/4" pocket hole screws
- Wood glue
- Sander and sandpaper
- Paint or wood stain

Cut List

- Two 1x10 @ 12"
- Two 1x10 @ 9 ½"
- Two Plexiglass pieces at 8" x 11"

Instructions

Set the table saw blade to ⅜" depth. Mark the position for each Lego baseplate slot on the 12" long pieces as shown. Make two passes for each slot with the table saw blade to create a groove that allows the baseplate to slide in and out smoothly.

Use a pint size paint can or wood glue bottle to trace the curve of the rounded corners, then cut them out with a jigsaw.

Mark the center of the top, 1 ½" down from the midpoint. Measure 2" from each side of that point and drill a hole with a 1" spade bit. Then cut out the remainder of the handle with the jigsaw.

Drill three pocket holes on each 9 ¼" side of the shelf boards.

Attach the first shelf with the pocket holes facing down, 2 ⅜" from the bottom. Make sure the baseplate slots are facing inward.

Attach the bottom shelf flush with the bottom of the handle pieces with the pocket holes facing down. Test the fit of the baseplates and sand the slots if necessary.

Cut two pieces of Plexiglass to fit the sides of the Lego bin above the baseplates (approximately 8" x 11", depending on the curve of your handles). Pre-drill screw holes in the Plexiglass before screwing it to the sides of the handle pieces with 1/2" screws.