



DO IT YOURSELF

Toddler Standing Sandbox

Skill Level



Estimated Cost

\$165

Time



4 Hours

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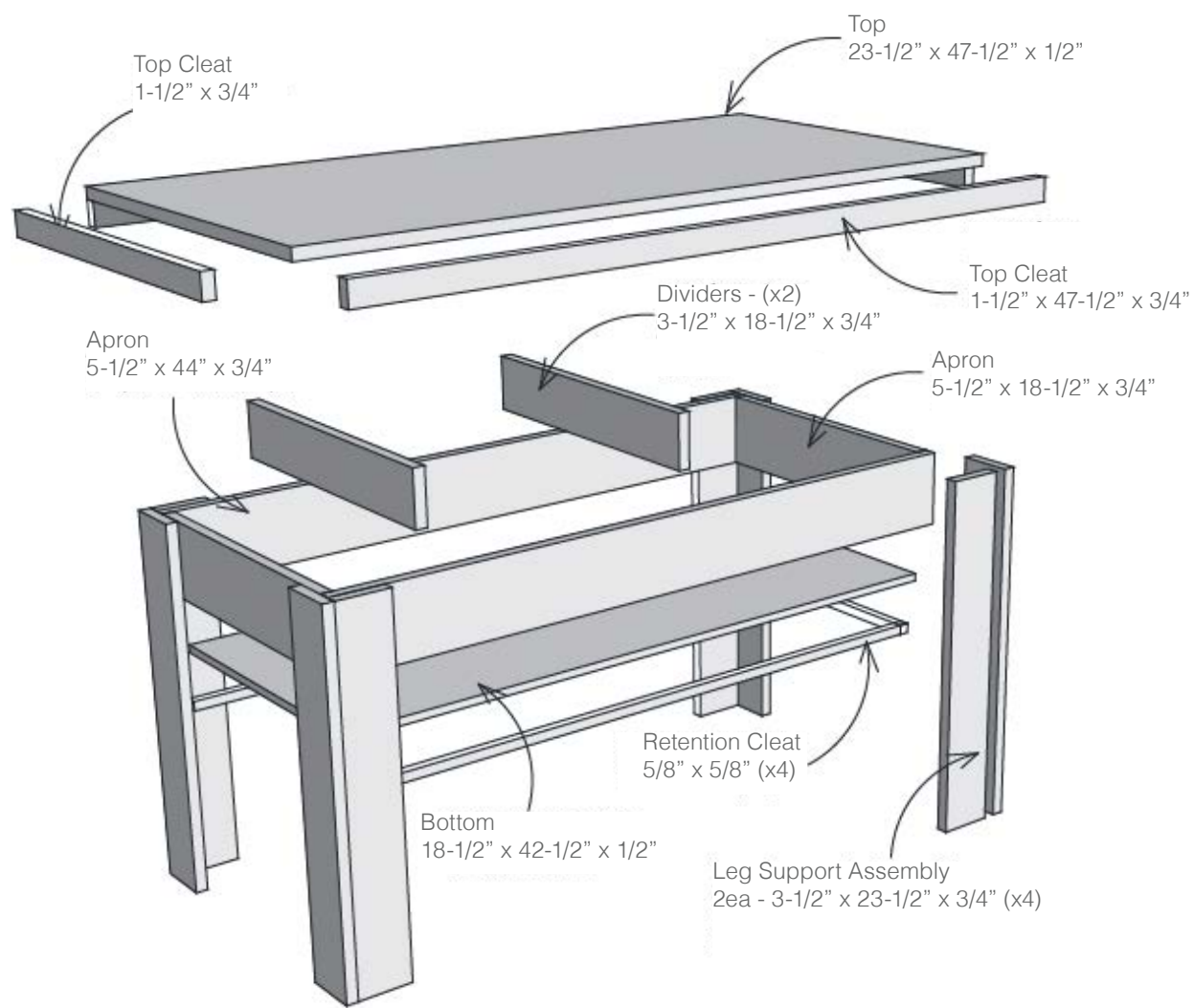
Toddler Standing Sandbox

This is a simple weekend project with lasting benefits. This design keeps sand and stone where you want it, as well as provides a bit of storage for toys. The lid will keep everything dry when not in use.

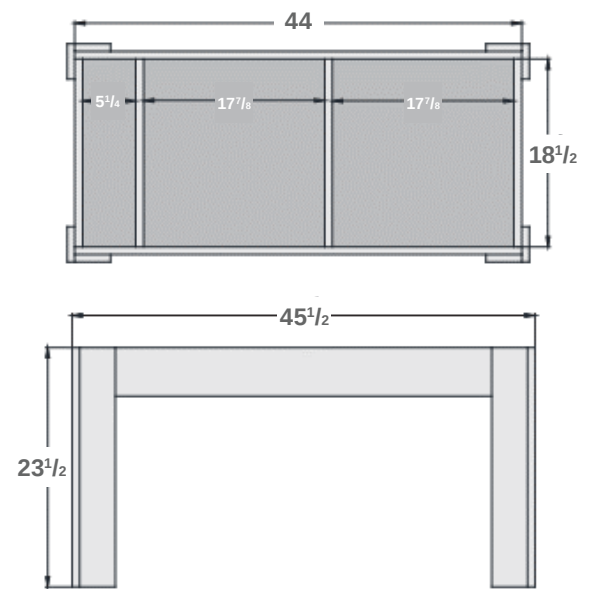
As a secondary benefit, this project can function as an outdoor coffee table. Although it is a bit tall, at 24" it can be converted to an 18" height when the little ones outgrow the sandbox by simply removing a few inches from the legs.



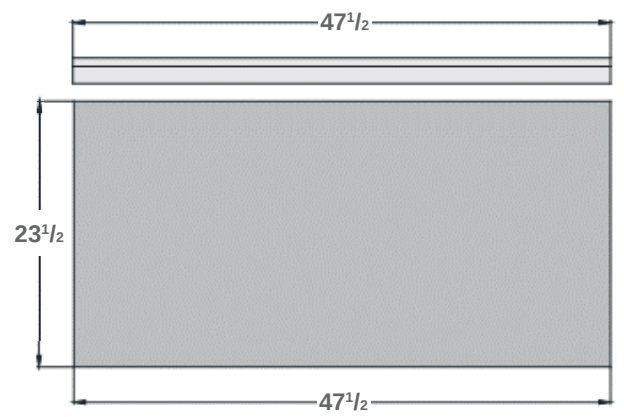
Drawing - Layout



Frame



Top



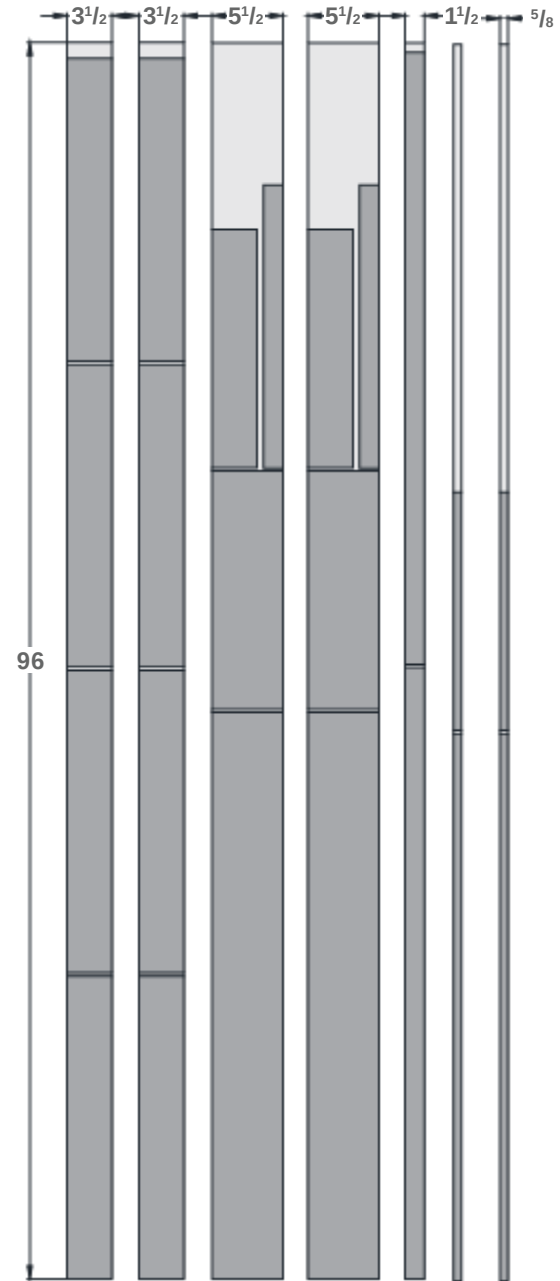
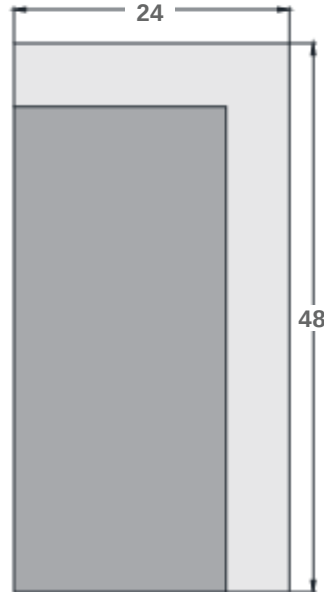
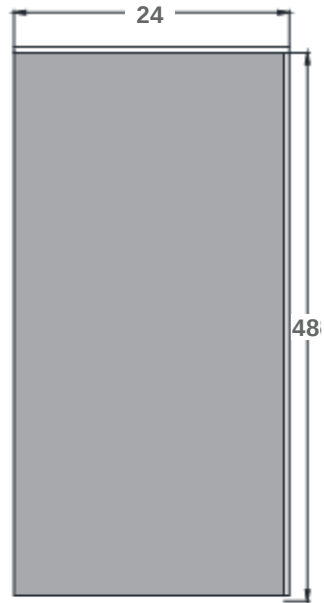
Layout Drawing - Materials

Tools

- Hearing Protection
- Safety Glasses
- Power Miter Saw
- Drill / Driver
- Table Saw or Circular Saw
- Tape Measure

Materials

- 2ea - 2' x 4' x 1/2" HandiPanel
- 2ea - 1 x 4 x 8' (3/4") Royal Trim Board
- 2ea - 1 x 6 x 8' (3/4") Royal Trim Board
- 1ea - 1 x 2 x 8' (3/4") Royal Trim Board
- 2ea - 5/8" x 5/8" x 8' Head Stop Trim
- #8 x 1-1/4" exterior Trim Head Screws
- PVC Glue



Step 1: Cut Parts

1.1 – Layout

Using the drawing provided, layout the parts. Remember to allow for the saw kerf (about 1/8").

1.2 – Crosscut

Crosscut the frame parts to the appropriate lengths. We used a power miter saw, but a handsaw will work as well.

1.3 – Complete Frame Parts

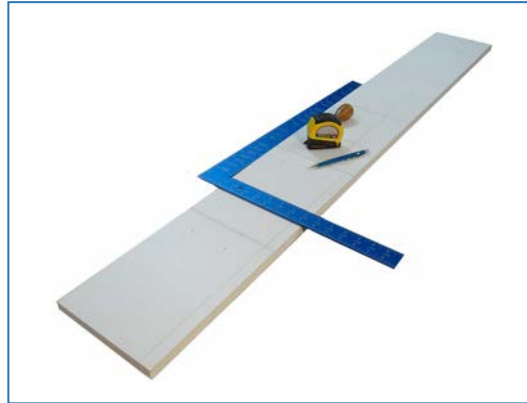
Continue the process to complete the parts for the frame.

1.4 – Rip

Rip the Top and Bottom portions of the build from the 1/2" panels.

NOTE: ensure boards are square prior to making cuts, as factory cuts may not be perfectly 90°

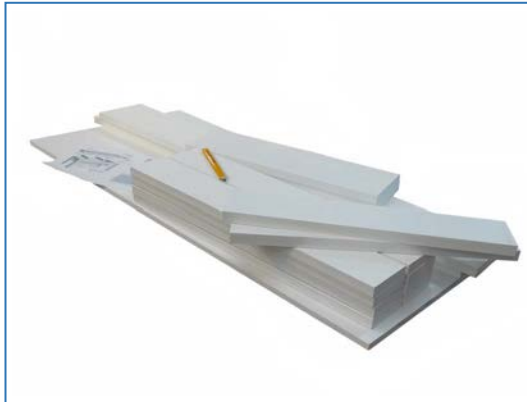
Layout Frame Parts



Crosscut



Complete Frame Parts



Rip Top and Bottom



Step 2: Assembly

1.1 – Assemble Legs

PVC Glue the 3-1/2" x 23" boards and clamp as shown in the photo

1.2 – Construct Main Frame

Using trim head screws and PVC Cement, connect the 5-1/2" x 44 & 18-1/2" boards.

1.3 – Install 5/8" Cleat

Install the 5/8" x 5/8" retention band around the bottom portion of the frame with trim head screws and PVC glue. This will be used to hold the bottom panel in place.

1.4 – Attach Legs

The legs are to be screwed and glued to the frame. Pay attention to the orientation of the legs, the widest side is to be placed on the longest side of the frame.

Assemble Legs



Construct Main Frame



Install 5/8" Cleat



Attach Legs



Step 3: Assembly

3.1 – Insert Bottom

Lay the frame assembly on its side and PVC Glue the bottom Panel to the 5/8" band.

3.2– Allow Glue to Cure

Stand frame upright and allow glue adequate cure time before moving to next step.

3.3 – Install dividers

Glue the dividers to the bottom and screw through sides of the frame to complete install.

With spacers clamped in position, use the 2-1/2" trim head screws to secure the door and act as hinges.

3.4 – Band the Top

Fasten the 1-1/2" x 3/4" band around the top panel using screws and PVC glue.

Insert Bottom



Allow Glue to Cure



Install Dividers



Band the Top



Step 4: Assembly

4.1 – Sand all Edges

PVC can have sharp edge after cutting, so it is important to sand all cut edges with 220 grit sand paper.

Attach Top



Completed Build





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