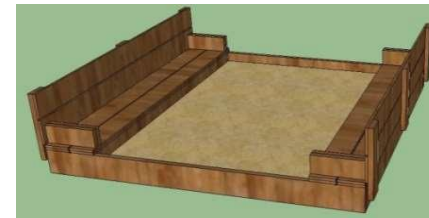




# Sandbox w/ Lid

## PREP DAY INSTRUCTIONS



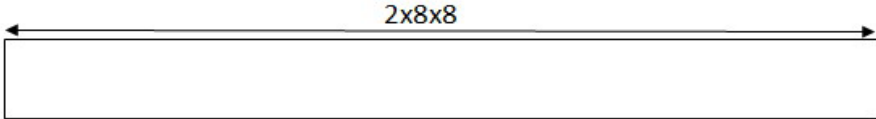
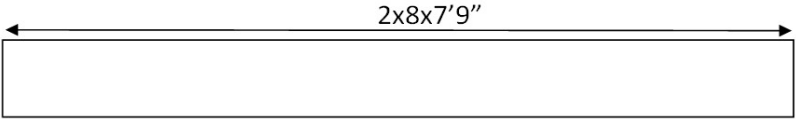
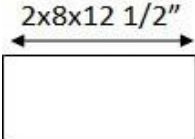
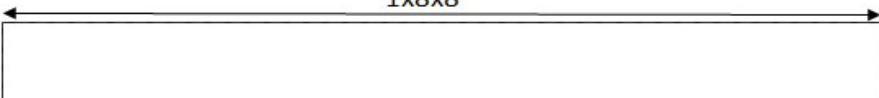
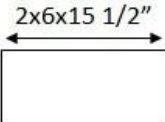
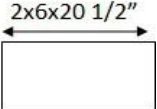
Lumber Needed:	Total
1x8x8ft.	12
2x8x8ft.	8
2x6x8ft.	4

How Many?
1

Take		DO NOT the following	You Should Have:	
12	1x8x8ft.	DO NOT CUT	12	1x8x8ft.
2	2x8x8ft.	DO NOT CUT	2	2x8x8ft.

Take		Cut Each @	You Should Have:	
4	2x8x8ft.	<p style="text-align: center;">2x8x7'9"</p>	4	2x8x93in.
2	2x8x8ft.	<p style="text-align: center;">2x8x12 1/2" 2x8x12 1/2" 2x8x12 1/2" 2x8x12 1/2" 2x8x12 1/2"</p>	10	2x8x12-1/2in.
2	2x6x8ft.	<p style="text-align: center;">2x6x15 1/2" 2x6x15 1/2" 2x6x15 1/2" 2x6x15 1/2"</p>	8	2x6x15-1/2in.
2	2x6x8ft.	<p style="text-align: center;">2x6x20 1/2" 2x6x20 1/2" 2x6x20 1/2"</p>	6	2x6x20-1/2in.

## Final Inventory

✓	✓		Each	Total
			2	2x8x8ft.
			4	2x8x93in.
			10	2x8x12-1/2in.
			12	1x8x8ft.
			8	2x6x15-1/2in.
			6	2x6x20-1/2in.



## Sandbox with Lid BUILD DAY INSTRUCTIONS

Inventory materials by the number in the "**Total**" column. The tools needed for this project are listed below. If you are missing anything, please inform your KaBOOM! Project Manager.

Materials:	Quantity Each:	Total:
2x8x8ft.	2	2
2x8x93in.	4	4
2x8x12-1/2in.	10	10
1x8x8ft.	12	12
2x6x15-1/2in.	8	8
2x6x20-1/2"	6	6

How Many?
1

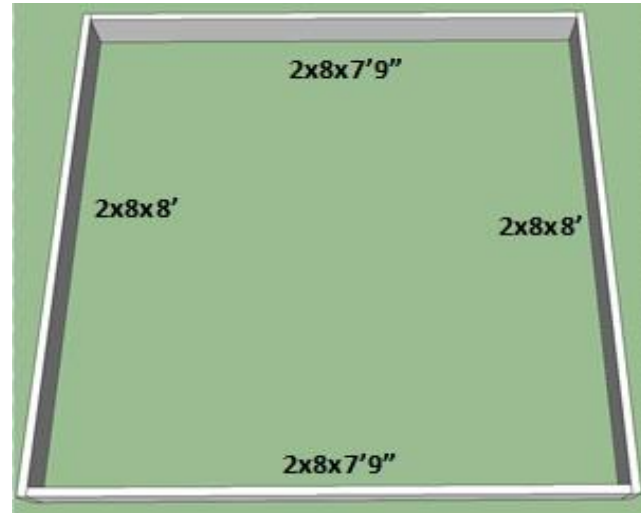
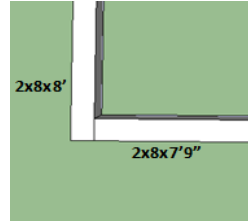
Hardware:	Quantity Each:	Total:
Gate Handles	4	4
6in. Heavy Duty Strap Hinges	12	12
3/4" Screws	1	1
2in Deck Screws	1	1
2 1/2 Deck Screws	1	1
Sandpaper	10	10
Play Sand	30 cu. ft.	30

Tools:	Quantity :
Tape Measure	1
Speed Square	1
Pencil	1
Screw Driver Bit	2
Safety Glasses	1

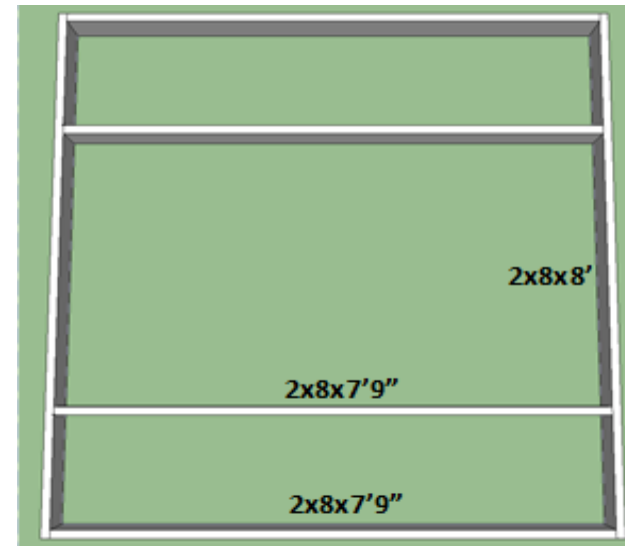
Build DayTools:	Quantity :
	1
Extension Cord	1

**Step 1:** Sort all materials into piles by the Quantity Each column to ensure you have the proper materials needed to complete each project. The number that is in the orange "How Many" box is the total number of Sandboxes you will be creating.

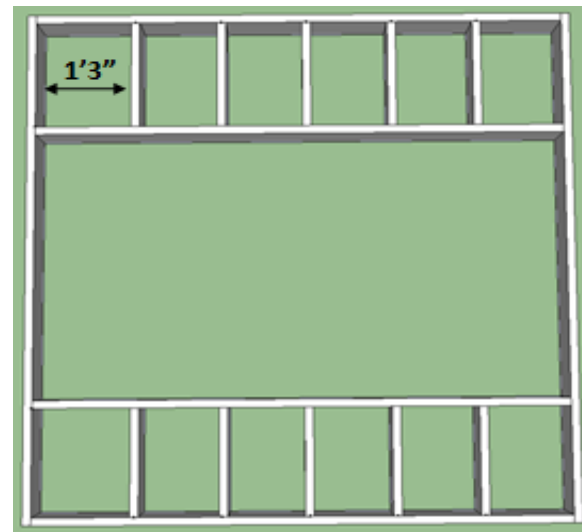
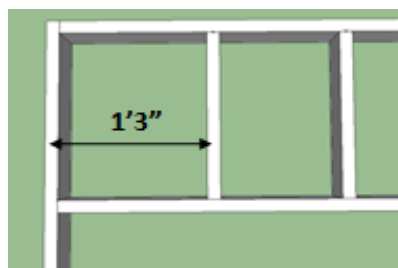
**Step 2:** Assemble the sandbox frame as shown to the right. Screw the 2x8x8' side into the 2x8x7'9" sides with two 2 1/2in deck screws on each side to hold in place. Use a speed square to ensure angles are perpendicular. **The final plans will leave a 3.5 inch gap in the middle when the lid is closed. If you would like to create a smaller gap, cut the 2x8x8 pieces by up to three inches.**



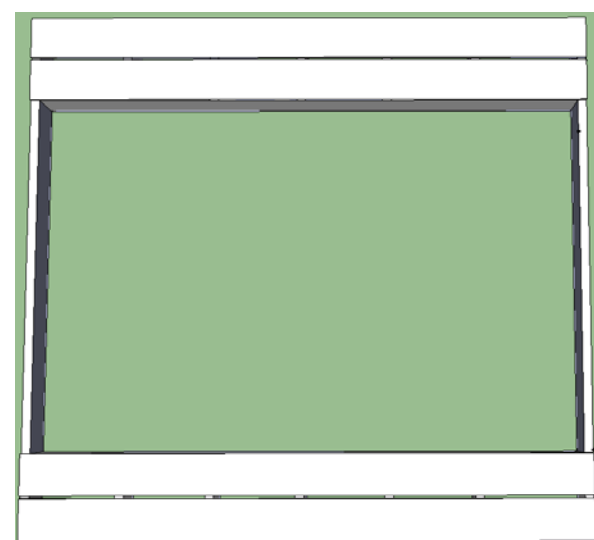
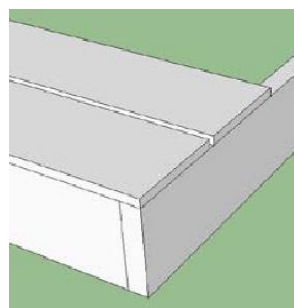
**Step 3:** Attach the inside frame supports. Run your remaining two 2x8x7'-9" pieces parallel to the 2x8x7'9" already in place. Be sure there is 12 1/2" between the boards. (Hint, use one of your 2x8x12 1/2" pieces as a spacer.) Attach using 2 1/2in deck screws.



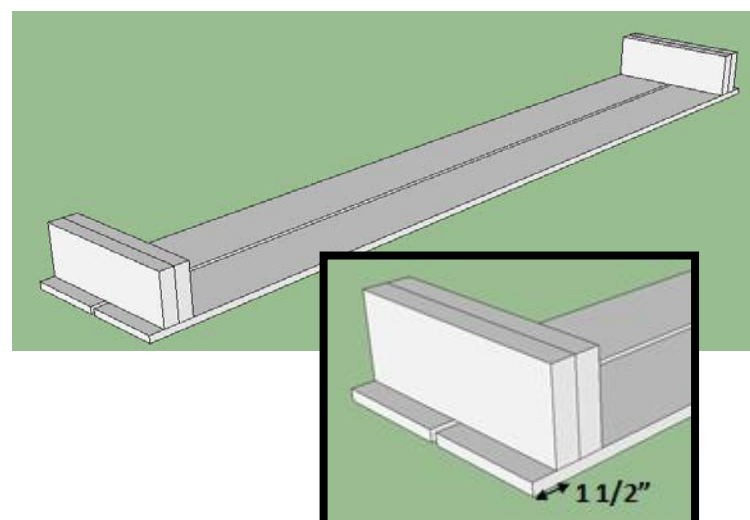
**Step 4:** Next, add support joists. Attach the 2x8x12 1/2" pieces running perpendicular in between the two 2x8x7'9" pieces (5 per side). They should be spaced at approximately 1'3" on center. (Note: 1'3" is an approximation. Do your best to space evenly). Attach using the 2 1/2in deck screws.



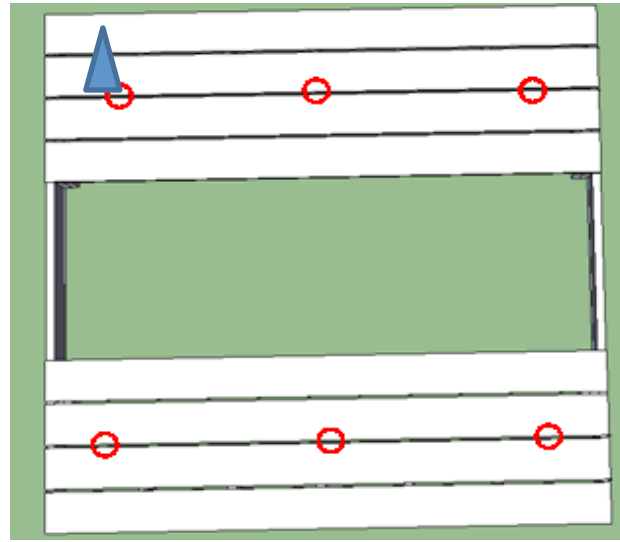
**Step 5:** Attach the first two lid pieces. Take two of your 1x8x8' pieces and attach into the 2x8 support joists using the 2 1/2in deck screws. The first one should be flush with the corners of the frame, the second should be attached with a 1/2" space between the first. Repeat on the other side of the sandbox.



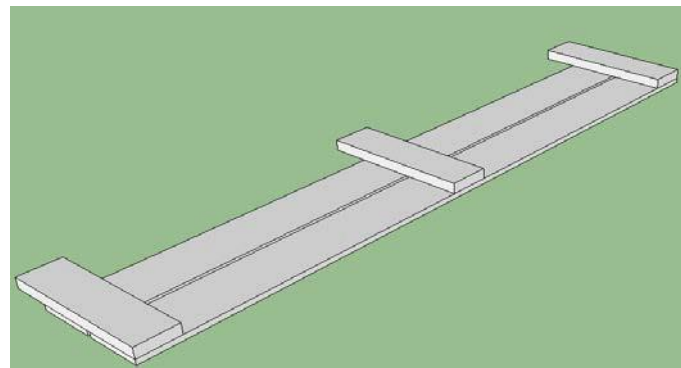
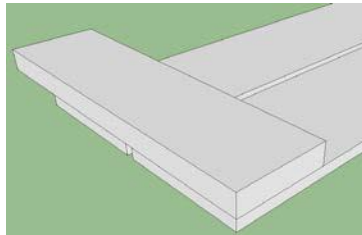
**Step 6:** Create the bench bottom. Lay two 1x8x8' pieces parallel to one another, spaced 1/2" apart. Lay the 2x6x15 1/2" perpendicular to the boards, offset 1 1/2" from the edge of the end of the 1x8. Attach using the 2 1/2 deck screws. Attach the second 2x6x15 1/2" to the inside of the first 2x6x15 1/2". Repeat this step again to make a second bench bottom for the other side of the sandbox.



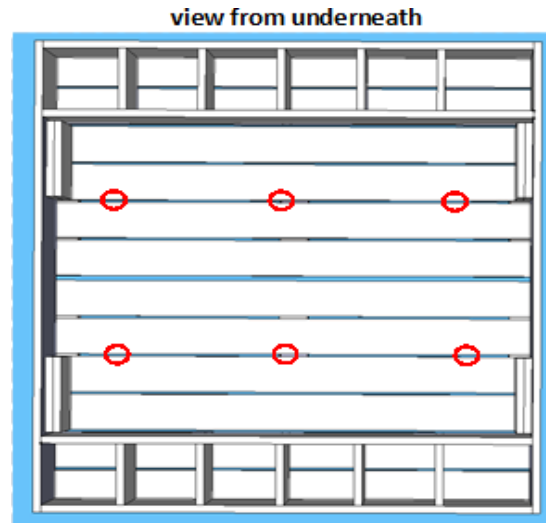
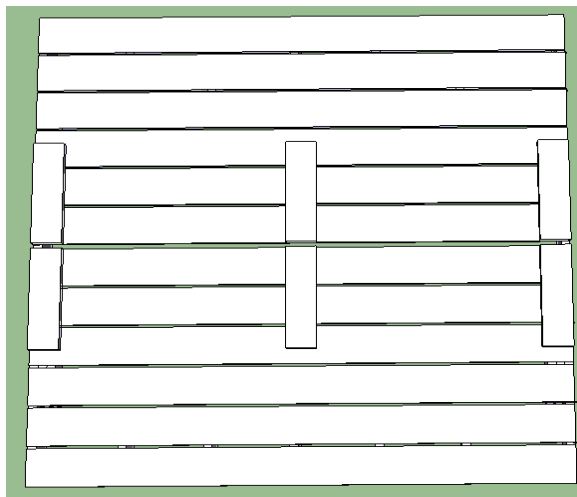
**Step 7:** Attach the bench bottom. Lay the bench piece you created in step 6 parallel to the first two lid pieces, spaced 1/2" away, with the 2x6's on the bottom side. Attach with three **hinges** (per side) on the top of the sandbox.



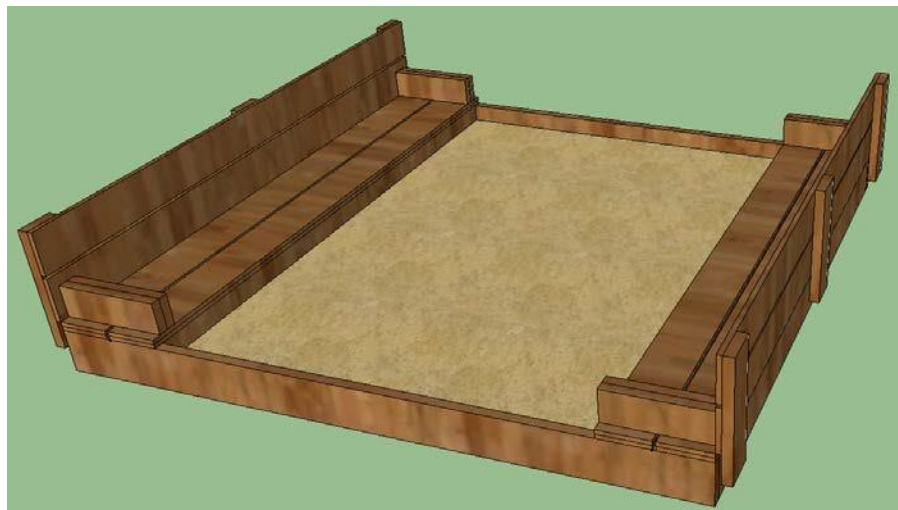
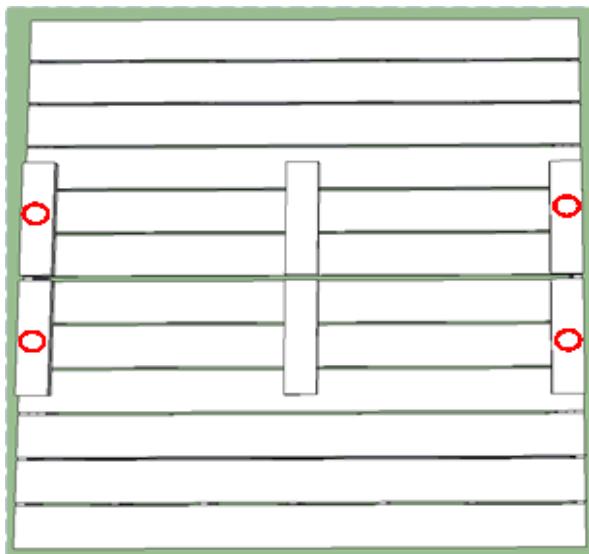
**Step 8:** Create the bench back. Lay two 1x8x8' pieces parallel to one another, spaced 1/2" apart. Lay two 2x6x20-1/2" per side) perpendicular to the boards, flush with the edge and one corner. The 2x6s will extend past the edge at the 1x8 corner. The third 2x6x20-1/2" should be flush with the top and centered in the middle of the 1x8x8'. Attach using the **2in deck screws**. Complete this step twice.



**Step 9:** Attach the bench back. Lay the bench pieces you created in step 8 parallel to the bench bottom, spaced 1/2" away, with the 2x6's on the top side. Attach with three **hinges** per side, this time on the **bottom** side.



**Step 10:** Attach two **handles** to each side into the 2x6s on the ends. Move the sandbox to its final location, open the sandbox and fill it with sand!. The sand should fill the box halfway (this will allow it to close).



**Step 11:** Thanks for all your hard work! Please clean up your work area and return your bucket / bag, leftover materials, and all your tools to the tool area. Your Team Leader should then check in with a KaBOOM! Project Manager to see what else your team can help with!