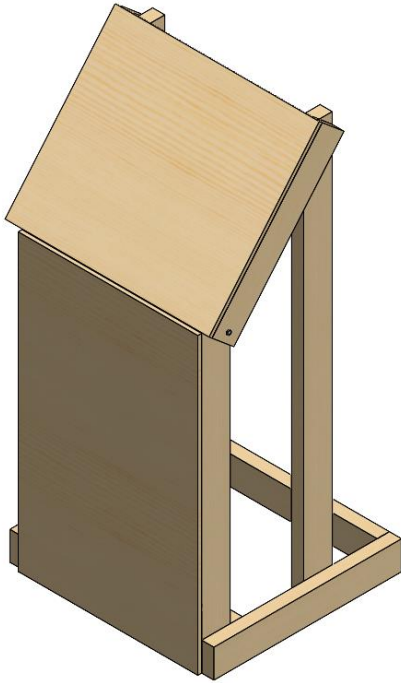


TE-24000 SOURCE



Description: This is a Source, designed so that teams can practice acquiring game pieces. Three of this assembly can be placed side by side to replicate a full width Source. If combining three of these assemblies, consider adding thin walls between them to simulate the dividers in the Source assembly.

FILES INCLUDED

In this compressed folder, you will find all of the drawings, CAD Files and STEP Files for this design.

Drawings: For your convenience, all drawing files have been exported to PDF Format. Each major field assembly will have both assembly drawings and component drawings.

CAD Files: All SOLIDWORKS files required to build or modify the assembly.

STEP files: STEP files of the assembly are included for the convenience of non-SOLIDWORKS users.

SHOPPING LIST

Plywood and Lumber (Example Cut List is at end of Readme):

- 2" x 4" x 8' Lumber – 4 Pieces
- 4' x 4' x 1/2" Thick Plywood – 1 Sheets

Hardware:

- #8 Wood Screws x 2.5" long – Approximately 16 Pieces
- #8 Wood Screws x 1" long – Approximately 8 Pieces
- ¼-20 x 3.5" long bolt – 2 Pieces
- ¼-20 Wing Nut – 2 Pieces

NOTE ON HARDWARE: All wood screws can be replaced with nuts and bolts of your choosing to make the design easier to disassemble and store. If this is not a concern for your team, wood screws will make for a sturdier assembly.

Notes about materials:

- Plywood and Hardboard Sheets – quality of plywood is up to the user. Plywood of lower qualities may contain voids and may warp more than high quality plywood. All dimensions listed are "nominal". For example, ½" plywood is typically 15/32".

- Lumber - quality of lumber is up to the user. Please keep in mind that lumber of lower qualities may warp more than high quality lumber. All dimensions below are the “mill cut” dimensions. For example, 2” x 4” lumber is really 1½” x 3½”.

Example Cut List (All units are Inches):

2x4 Lumber:

Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout			
A	1x	96"	36 1/2" / TE-24005	2	The number of cuts 2			
			23" / TE-24002	1				
<table border="1" style="width:100%; text-align:center;"> <tr> <td style="width:33%; color:red;">36 1/2" TE-24005</td> <td style="width:33%; color:red;">36 1/2" TE-24005</td> <td style="width:33%; color:blue;">23" TE-24002</td> </tr> </table>						36 1/2" TE-24005	36 1/2" TE-24005	23" TE-24002
36 1/2" TE-24005	36 1/2" TE-24005	23" TE-24002						
B	1x	96"	51 1/2" / TE-24010	1	The number of cuts 3			
			22" / TE-24003	2				
<table border="1" style="width:100%; text-align:center;"> <tr> <td style="width:45%; color:green;">51 1/2" TE-24010</td> <td style="width:20%; color:yellow;">22" TE-24003</td> <td style="width:35%; color:yellow;">22" TE-24003</td> </tr> </table>						51 1/2" TE-24010	22" TE-24003	22" TE-24003
51 1/2" TE-24010	22" TE-24003	22" TE-24003						
C	1x	96"	51 1/2" / TE-24010	1	The number of cuts 3			
			23" / TE-24002	1				
			21" / TE-24008	1				
<table border="1" style="width:100%; text-align:center;"> <tr> <td style="width:45%; color:green;">51 1/2" TE-24010</td> <td style="width:20%; color:blue;">23" TE-24002</td> <td style="width:35%; color:cyan;">21" TE-24008</td> </tr> </table>						51 1/2" TE-24010	23" TE-24002	21" TE-24008
51 1/2" TE-24010	23" TE-24002	21" TE-24008						
D	1x	96"	21" / TE-24008	1	The number of cuts 1			
<table border="1" style="width:100%; text-align:center;"> <tr> <td style="width:25%; color:cyan;">21" TE-24008</td> <td style="width:75%; background-color:lightgray;"></td> </tr> </table>						21" TE-24008		
21" TE-24008								

1/2" Plywood:

Layout ID	Processed	Repetition	Stock dimensions
A	0/1 <input type="button" value="▾"/>	1x	48" x 48"

Panel	Qty
36" x 22" / TE-24006	1
21" x 25" / TE-24009	1

Cuts in layout [Beta feature](#)

The length of cuts	116 7/8"
The number of cuts	4