


GAGA PIT

DIFFICULTY: **COMPLEX**

 4 VOLUNTEERS

 6 HOURS

MATERIALS

PREP

(12) 2x12x16ft boards

(6) 1x6x12ft boards

BUILD

(24) 2x12x96" beveled pieces

(3) 1x6x24" pieces

(21) 1x6x34" pieces

(16) 3" hinges

2lb 2" deck screws

TOOLS

PREP

Miter saw

Circular saw (optional)

Tape measure

Pencil

Carpenter's square

Safety glasses

BUILD

Level

Pencil

Safety glasses

Tamp

Tape measure

Drill

Screwdriver bit

PREP LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project.
2. Take every 2x12x16ft boards. Cut each into (2) 96" pieces, for total of (24) 2x12x96" pieces.
3. Take (5) of the 1x6x12ft boards. Cut each into (4) 36" pieces, for total of (20) 1x6x36" pieces.
4. Take the remaining 1x6x12ft board. Cut into (1) 36" piece and 3.
5. Beveled Edge Cuts: Take all (24) of the 2x12x96" pieces cut in step 2. Bevel both ends with the saw set at 22.5° to make (24) 2x12x96" beveled trapezoid pieces.

BUILD LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project. If there is grass in the gaga pit space, remove it.
2. Assemble the eight sides. 7 of them will have (3) 2x12x96" pieces laid next to each other. Use the 1x6x34" straps to attach together. There will be (3) straps per side, one in center and one on each side 10" from the edge.
3. Assemble the final (and 8th) side using 2 of the 2x12x96" pieces, and the (3) 1x6x24" pieces (this will be the entry in/out of Gaga Pit for smaller children).
4. Connect sides together forming an octagon using two hinges per corner. One hinge will connect the top 2x12s and other connects bottom 2x12s. There will not be a hinge on the center 2x12s.
5. Finish the octagon and prepare the bottom. It can be asphalt, concrete, limestone, decomposed granite, sand, or packed down dirt. Make sure your Gaga Court is actually an octagon and doesn't resemble an egg-shape.