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what all i need to build a giant connect 4 game out of wood

To build a giant wooden Connect 4 game, you will need the following materials and tools: [🔗](#)

Materials:

- **Plywood:**
 - ¼" plywood for the main game boards and chip release.
 - Possibly ½" or ¾" plywood for the chips, depending on desired thickness.
 - Thicker plywood for internal supports or a hinged bottom release.
- **Dimensional Lumber:**
 - 1x3 boards for the legs and tray.
 - 1x2 boards for chip release supports.
 - Other boards like 1x6 or 2x4 for the base and legs.
- **Square Dowels:** Used as dividers between the playing discs.
- **Fasteners:**
 - Wood glue.
 - Brad nails.
 - Pocket hole screws.
 - Other screws as needed.
- **Hardware:**
 - Hinges for the disc release mechanism.
 - Magnetic catches (optional, for the disc release).
 - Casters (optional, for portability).
- **Finishing:**
 - Paint in contrasting colors for the game board and chips.
 - Stain or sealant for protection (especially if for outdoor use).
- **Other:**
 - Cork coasters (optional, for lightweight chips).
 - Bungee cords or rope (optional, to secure the bottom). [🔗](#)

Tools:

- **Cutting:**
 - Miter saw.



BB 9 sites

Build a DIY Four-in-a-Row Yard Game - Build Basic

Jun 23, 2015 — Using the cut list above, cut the plywood pieces to...

BB Build Basic ⋮

DIY Giant Connect 4 Yard Game - Pine and Poplar

Mar 23, 2023 — What You'll Need: * (1) 4x8 sheet of ¼" plywood. * (1) 2x4...

Pine and Poplar ⋮

Giant Connect Four | Cultivate Safety


Materials & Tools. Materials & Tools. Materials. Quantity. 2x4x8' boards. 2...

Cultivate Safety ⋮


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Ask anything







- **Measuring & Marking:**
 - Tape measure.
 - Pencil.
 - Chalk line (optional, for marking grids).
 - Framing square.
- **Finishing:**
 - Sander and sandpaper.
 - Paint brushes or spray paint. 

Construction Notes:

- You'll likely need to cut holes in the plywood sheets for the game pieces. A hole saw is commonly used for this, but be sure to choose one that creates holes slightly smaller than the game discs to prevent them from falling through prematurely.
- Dowels or strips of plywood can be used as dividers between the game pieces.
- Create a mechanism at the bottom of the game board to release the discs, such as a hinged board or sliding panel. 

Remember to follow safety precautions when using power tools and consider consulting detailed building plans for precise measurements and instructions. [DIY Huntress has build plans available on her website.](#) 

AI responses may include mistakes. [Learn more](#)  

-  Suggest some free online building plans for a giant Connect 4 game
-  What are some durable, weather-resistant wood and sealant options for outdoor use?
-  Compare using a hole saw vs. a router for cutting the disc holes
-  What are the dimensions and spacing for a giant Connect 4 grid?