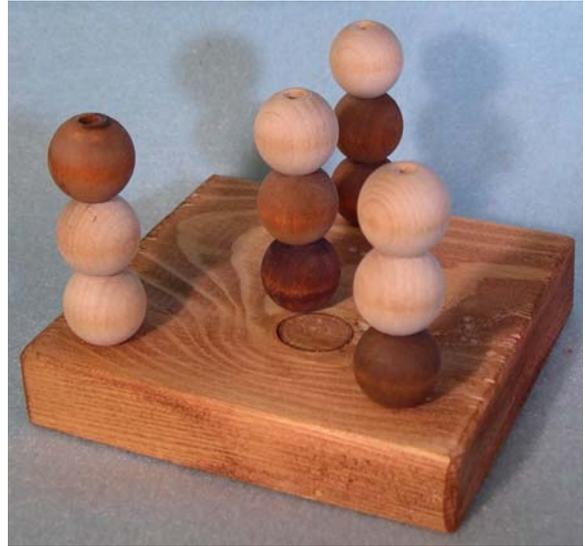


### Tic-Tac-Toe (3-D)

This is a fun game that can be played by 2 boys. 3-D tic-tac-toe is much more challenging than regular tic-tac-toe. Points are scored by getting 3 beads of the same color lined up vertically, horizontally or diagonally on any 3 adjacent posts of the 4 posts.

#### Materials needed:

1. 12 - 5/8 wood beads (balls) with 5/32" holes (cf. [craftparts.com](http://craftparts.com), BE-1050); also available at craft stores.
2. 3 1/2" - 1" x 4" spruce/fir.
3. 4 - 2 1/2" x 1/8" dowel.
4. Brown wood stain or shoe stain, white glue.  
There are now some water-based stains available. This will still stain clothes, but they are easier to clean up.



#### Before the meeting:

1. Cut and sand 1 x 4 wood blocks.
2. Cut 1/8" dowel into four 2 1/2" pieces.
3. Drill 1/8" holes in a Y pattern for the 4 dowels (see photo).
4. (optional) Stain 1/2 of the wood balls brown (assuming the wood is white or light, this will give you 6 white, 6 brown balls). You may elect to have the older boys do the staining at the meeting. But staining these balls is pretty messy. Brown shoe stain (the kind in a bottle, with an applicator rod with a ball of cotton on the end) might be ok.

#### Assembly at the meeting:

1. Stain 6 balls brown (hint: you might thread these onto stiff wire and use that to hold them while staining). The stain will soak in immediately, so just buff or blot with a dry rag or paper towel to be sure the stain is dry (of course this is a great time to talk about the brown stains on their hands that will have to wear off over the next several days).
2. Stain base with brown wax shoe polish and buff dry with a white cloth.
3. Glue and insert the 4 dowels into the base.

Pair up the boys and have tic-tac-toe contests.