

## Penny Plinko Assembly Instructions

### Assemble the Penny Plinko Game

1. Remove printed pieces from the print bed and peel off any masking.
2. Lay the wood body piece on a flat surface. Insert the four short pins perpendicular to the base so their edges fit into the slots along the side of the body.



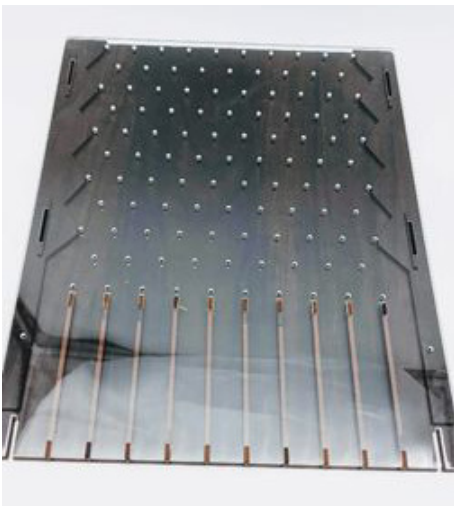
3. Insert the ten long pins into the base as shown. Each long pin contains “wings,” which fit into two slots in the body piece. One wing fits in a slot at the bottom edge of the base and the other wing in a slot several inches above the first.



4. Take the two guides and place one on each side of the base as shown. The slots in the guides fit over the widest part of the short pins and rest directly on top of the base.



5. Next, lay the clear acrylic cover on top of the wooden base assembly. Each of the short and long wooden pins will fit into slots in the cover. You may have to wiggle the pins a bit to get them all aligned correctly with the holes in the cover. It is ok to use light pressure on the acrylic to seat each of the pins in their slot, but using too much force risks cracking the acrylic.



6. Insert the pop rivets or M3 screws/acorn nuts through each of the 107 holes between the wooden base and the cover. The acorn nuts will tighten to a fixed position on the screws, which prevents too much force being applied to the acrylic cover. If you use regular screws and nuts, be sure not to over tighten them. The acrylic should not bend anywhere.



7. Once all fasteners are secured, place the two semi-circular wooden base pieces in the long slots at the base of the Penny Plinko board as shown. The base pieces allow the board to stand upright with the bottom opening of the board flush against a flat surface. The base pieces are not attached directly to the board so that they may be removed for storage. To affix them permanently, apply a bit of wood glue at the join between the base pieces and the back of the Penny Plinko Board.



8. To remove the pennies from the board, simply lift it off the table, and they will fall out of the bottom. Because pennies are thin, they will form stacks that are two pennies deep when they come to rest.