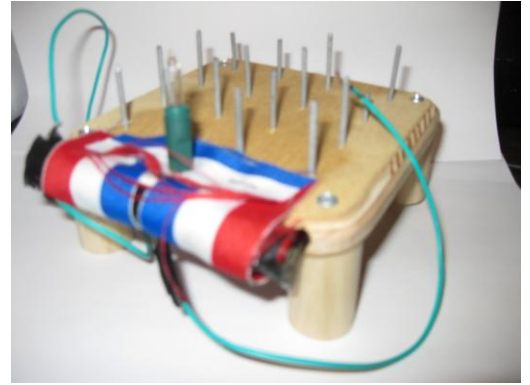


## Hands-on project -Don't Eat Pete game

supplies: 1/4" plywood, 3/4" dowel rod, twinkle light (from old Christmas string) or LED, wire, solder, alligator clip, AA batteries, steel nails, 1" screws, 1/4" staples, 1/2"-1" cloth ribbon, lifesaver candy



### Production instructions (see poster set)

Table saw: cut a 5" x 5" piece of 1/4 plywood (tape measure/ruler)

Belt sander: sand edges of wood

Disc sander: round corners off

Band saw: Cut the notch in one side of the board for the light wires to come through

Drill press: drill holes in the board in a 4x4 grid 1" apart (nail size), drill holes in corners to hold screws for feet. (ruler)

miter saw: Cut dowel, 4 qty- 1 1/4" pieces (ruler)

hand drill: drill holes through center of dowel, switch to screw tip and use to screw feet to board.

grinder: round tips on 16 nails (pliers to hold nails)

Solder iron: attach light wire ends to the alligator clip, battery and make probe tip (phillips screwdriver and wire stripper)

staple gun: staple across notch to hold wires, staple ribbon to hold AA batteries.

### Game Instructions

Put a lifesaver candy on each nail. Randomly attach the alligator clip to one nail under the board (don't let player see) which nail. The player then touches the probe tip to the top of one nail, if it does NOT light up they get the candy, and get to try again. If it does light up, yell "Don't eat Pete!" and they lose their turn. Change players, change "Pete" and repeat as many times as you have candy. (Can use Cheerios or fruit loops cereal as well).