

HART™



Ring Game

Crystal Kirby | [@crystalkirby diyhome](https://www.instagram.com/crystalkirby_diyhome)

PROJECT PLAN

Finished Dimensions: Varies based on desired size

Skill Level: Beginner

Materials

Item	Qty
1x6x6'	1
1x2x6'	1
¾" cup hook	2
¼" eye hook	2
1" welded ring	2
Masonry String	1
Wood Glue	1
1 ¼" Pocket screws	2

Tools Used



Miter Saw



Drill / Driver



Impact Driver



Orbital Sander



Rotary Tool



Drill Bits



Hole Saw Set



Tape Measure



Carpenter's Pencil



Safety Glasses

Also Need: Pocket Hole Jig

Battery Tip: A 4.0Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

Description	Board	Cut To	Qty
Base of Game	1x6	18"	1
Vertical support of game	1x2	15"	1
Shot glass score board	1x6	13"	1
Top	1x2	22"	1

Assembly Instructions

Step 1

Mark centers on base of game and top portion of game

Step 2

Use pocket screws and glue to mount vertical support to base and mount top

Step 3

Mount the eye hooks on the bottom of top 1x2 of game 10' from center

Step 4

Mount the cup hooks 5" up from bottom of base

Step 5

Here is the tricky part, adding the string and rings. First tie the string to the eye hook up top. Next you have to hook the ring into the hook and then tie the string to ensure the length is just right! The ring should perfectly glide over the top of the hook and have a very slight snug tension.

Step 6

Use the 13" piece of 1x6 and drill five hole about half through board. This will hold the shot glass. Measure the base of the shot glass that you are planning to use and make sure you have a big enough drill bit. Space holes 2.5" apart with the first hole starting 1.5" from end.

Step 7

We used a rotary tool to sand the inside of the drill bit holes to clean them up. Nice and smooth!

Step 8

Sand all parts and stain/paint to liking