DIY Project Plan
Pinwheel That Works

Difficulty Level
Number of Bandaids
1 outta 5

Approximate Time to Complete ~ 20 mins.
Hands on time {does include drying time for example}

Approximate Cost of Shopping List Items ~ $6.00
assuming you have the tools needed

Items Needed

Drill	Craft glue	Drill bit 1/32	Drill bit 1/4
1/2 Dowel 12"	Button	1 1/4" wood screw	2" machine screw with large head & 2 bolts
Scissors	Printable below	Washer or bolt that fits over screw	Handheld Single Hole Punch
Pencil	Sheet of cardstock	Screwdriver	Plyers

Please Read Completely Before Starting The Project

I made mine using a wood screw. The steps and supplies are in green.
This could also be made using a machine type screw too. Those steps and supplies are in blue.
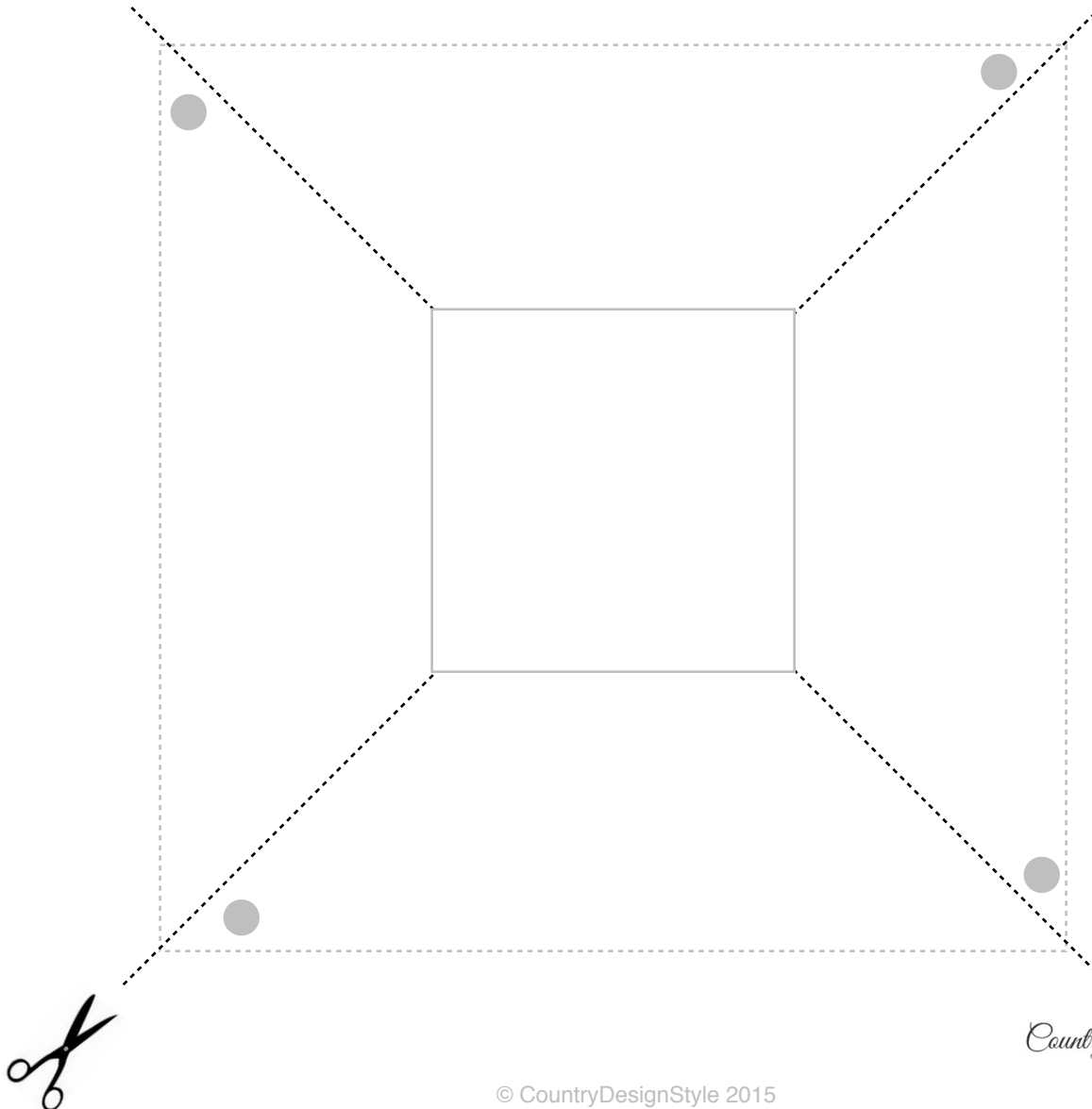
The Steps

1. Print page 2 and cut out square template.

2. Print page 3 on cardstock.

3. Reload page 3 to print on backside and print page 4.

4. Cut a 5 inch square using template. Then cut into each of the 4 corners to within 2" of center.

5. Use a hole punch in four corners marked.

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6. Drill small pilot hole in top of dowel about 1/2 down from edge.

7. Fold corners with holes into center {do not fold or press down}

8. Insert screw through layers & through center of square. Move wood screw around to make hole in center larger.

9. Using screwdriver insert screw 1/4" into dowel.

6. Drill 1/4" hole in top of dowel about 1/2 down from edge.

7. Using pencil make hole in center of square enlarging so machine screw will fit through hole.

8. Fold corners with holes into center {do not fold or press down}

9. Insert machine screw through all five holes. Add bolt and move up screw until 3/4" is left.

10. Insert screw into dowel to the bolt and add another bolt to hold in place.

Finish with gluing a button on the screw making sure the glue doesn't get on the pinwheel!

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