

Instructions  
for making your very own  
**hoops & yoyo**



**Super-Fun,  
Christmas Paper Toy!**

# 1.

First, print out the pieces on good, thick card stock.



Print

# 2.

Then, the cutting. Oh, the cutting. Cut out all the pieces and score them paying close attention to the three varieties of line.

Cut along the solid lines.

Score the evenly dashed lines on the printed side of the paper.

Score the uneven dashed lines along the reverse of the paper.

After you've cut and scored go ahead and crease the folds and you'll see the pieces begin to take shape.



Cut, Score, Crease

# 3

Take some of the individual parts and glue them into shape. These would include the two main braces, the fireplace, the top and bottom platforms, the crank shaft, the crank shaft handle... Basically, any part that needs gluing on its own and not to another piece.



Stage 1 Gluing

# 4.

## Crank Shaft Assembly

(Refer to gear arrangement diagram for placement order)

Insert end of the **Crank Shaft** through the **Front Disc**. Slide along shaft until it lines up with the triangles closest to the handle end. Glue in place and insert end of **Crank Shaft** through hole in **Front Brace**.



Do the same with **Yoyo's Dance Cam** and **Hoops' Dance Cam**. (It doesn't really matter which of these two slides on first - they basically do the same thing). Glue these in place.



Again, the same with the **Big Honkin' Vertical Gear**.



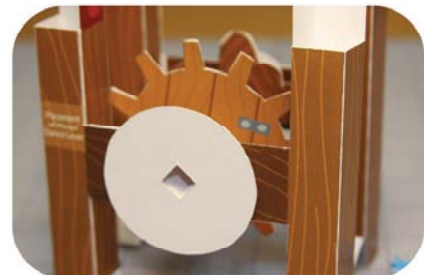
Poke end of **Crank Shaft** through Rear Brace, position **Rear Disc** and glue in place.



Should look like this when complete  
(Go ahead and glue the braces to the Lower Platform)



Glue **Crank Shaft RearCap** to the end of **Crank Shaft**.



Finally attach **Offset Cam**



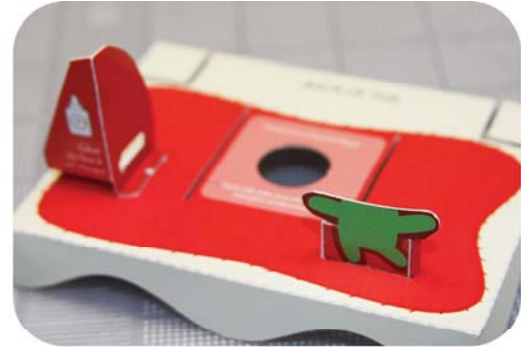
# 5.

## Top Platform Assembly

(Refer to gear arrangement diagram for placement order)

Glue **Yoyo's Body** piece to the platform. Insert tabs through opening and glue underneath platform.

Glue **Brace for Hoops** to platform.



Slide one **Record Shaft Disc** onto **Record Shaft** triangles pointing up. Glue in place.



Push through opening in **Top Platform** and position the other **Record Shaft Disc** (arrows pointing down) in place. Glue in place.



*\*Note: There should be just enough room between these two discs for the shaft to rotate freely but make sure it's not too loose. If too loose the gears won't mesh right and you'll cry.*

Glue **Horizontal Gear** in place.



Next, glue the **Record Player** in place followed by the **Record** and finally the **Needle**.



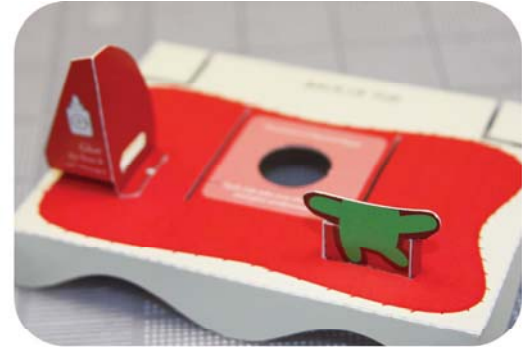
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## Top Platform Assembly

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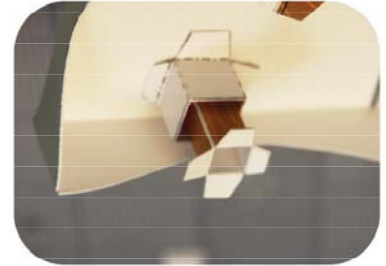
# Top Platform Assembly

(Continued)

Glue **Channel for Hoops' Pusher-Upper Thing** piece underneath platform.



Insert **Hoops' Dance Pusher-Upper Thing** through channel and fan out tabs on top and bottom.



Glue **Pusher-Upper Top** and **Pusher-Upper Bottom** in place.

*\*Note: If you'd rather attach **Brace for Hoops** after doing this, then, you just do that, O.K.?*



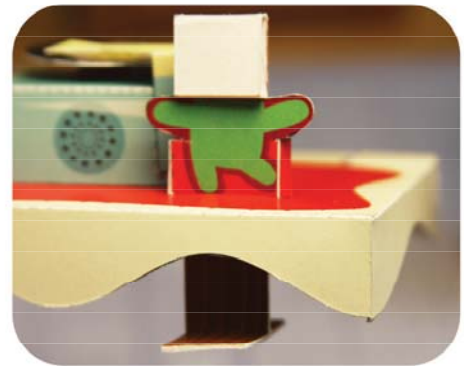
Here's a picture of what you're shooting for.

At this point it's important to see if your gears are meshing correctly.

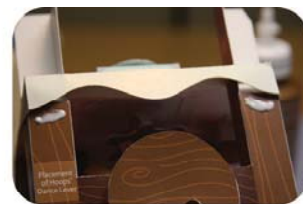
Eyeball the gears and make sure they are flat and perpendicular to the crank shaft.

You can also adjust by slightly bending each tooth of the Vertical Gear toward the Horizontal Gear.

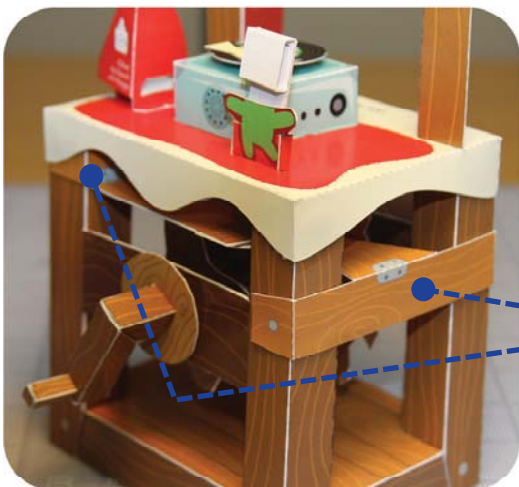
Glue **Yoyo's Body** piece underneath platform.



Now you can go ahead and glue the assembled top to the support section you just put together.



And as long as the glue's out, go ahead and glue those dance levers on. There's one for Hoops and one for Yoyo. These power their awesome dancing!

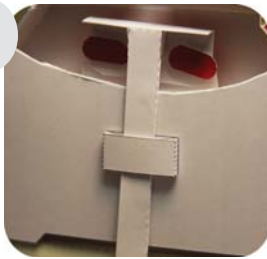


# 6

## Fireplace and Related Items

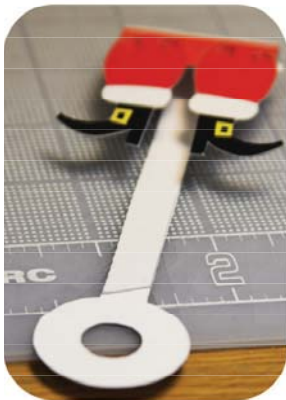


Glue the little **Fire** in the center of the **Fireplace**.



Insert **Santa's Legs** into the slots in the **Fireplace**. Insert flaps of the **Offset Cam** through the opening in the **Rear Lever**.

Slip **Fireplace** over **Rear Brace**.



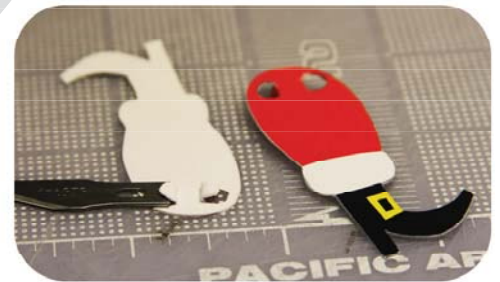
Glue the **Brace for Back Lever** in place and also the **Disc to Cover Back Mechanism**.

Glue in place.

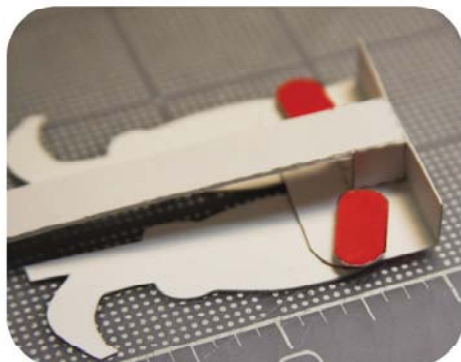
Oh yeah, if you haven't yet go ahead and glue on **Yoyo's Head** and **Hoops**.



Insert Santa's Legs into the holes in the **Rear Lever**. In order for his legs to swing freely space the flaps so they don't lay flat. I put a couple of blades under them and fold over. Works like a charm.

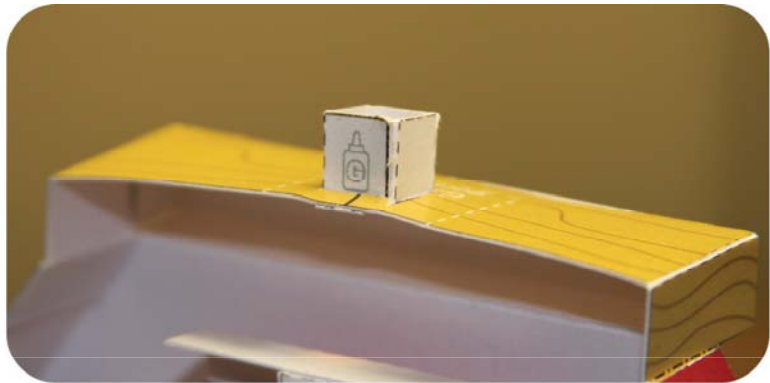


Glue on the **Backing for Santa's Legs**.



# Piddles in the Box

Glue **Channel for Piddles' Body** in place. Glue tabs underneath the mantel. There's one shorter tab that should face the back.



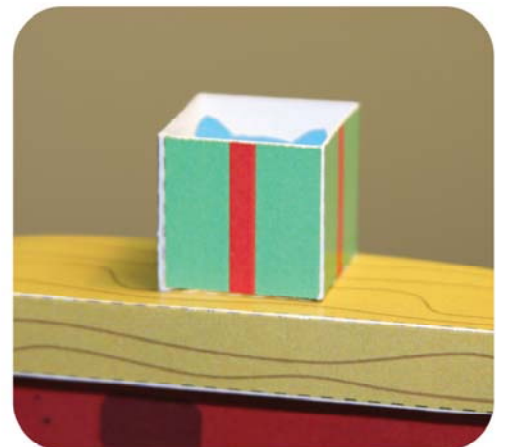
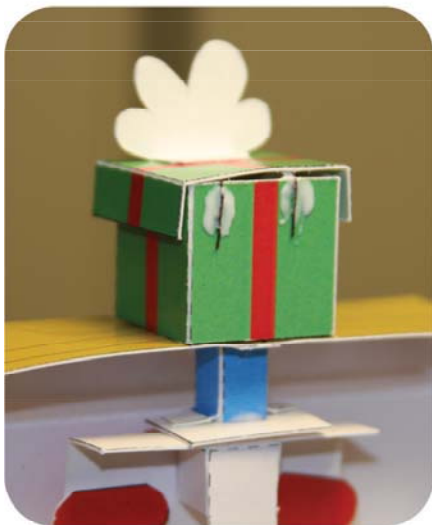
Glue **Piddles' Head** to **Piddles' Body Column**. Poke it through the shaft and then glue the **Plate for Bottom of Piddles' Body** to the bottom.



She'll look like this from the front.



Glue the **Gift Base** to the mantel, around Piddles. Glue the thread "hinge" to the lid and then to the **Gift Base**. Make sure it can open and close easily.





# And that's all there is to it!



Here's what the toy should look like when you're all done! Give it a crank and let the good times roll!

