

How To Build Your Own Adjustable Round Chart (technically known as a volvelle or "round, spinny thing")

What you'll need:

1. Scissors.
2. Rubber cement.
3. 60 lb. paper or card stock.
4. Brad (also known as brass plated fastener) to attach the wheels and serve as axle. Several are shown here; you only need one.
5. Nail (to punch a hole in the center of the wheels).
6. Sharp Xacto type knife (for cutting out the "window").
7. Ruler with metal edge (for cutting a straight line).



How to Construct your Positive Turn Life Tool

1. Print the .pdf file of your wheel. You'll have four pages. Use high gloss paper for added effect if you like. If your printer will print on card stock, do so and skip steps 2-4.
2. Apply rubber cement to the back of base wheel Side A. Let it set a few minutes then affix it to 60 lb. paper or card stock. Use the nail to poke a hole in the exact center of base wheel Side A. Set aside.
3. Use the nail to poke a hole in the exact center of base wheel Side B. Apply rubber cement to the back, let it set a few minutes and then affix it to the back of base wheel Side A, using the nail to align them. Once completely set, with scissors carefully cut along the perimeter of this new, double sided base wheel.
4. Apply rubber cement to the back of each top wheel, let them set, then affix each to their own 60 lb. piece of paper or card stock. Once dry, on a hard surface carefully cut out the little window of each top wheel using an Xacto type knife and ruler for straight edges. Using scissors, carefully cut along the perimeter of each wheel.
5. Assemble the four wheels; the top wheels aligned, A with A and B with B.
6. Press the brass fastener through the nail hole and fold the metal edges down.

Congratulations! You've constructed a low tech, hand held, information wheel which we hope will entertain and educate users young and old. If you have feedback on your use of this Positive Turn Life Tool, or if you have ideas for future topics to be included on wheels, please contact us on the email below.

erikjohnson1@comcast.net

Thank you!

Erik Johnson

Chartist

Wheel Assembly Instruction Page