



Build a Bike Trivia Wheel

There's no exact science to building a Bike Trivia Wheel. How you construct and decorate it depends on the materials you purchase or are able to scavenge and your own creativity.

Materials Needed:

bike wheel with tube and tire
a few different colors of duct tape
front fork of a bike (that fits the bike wheel you've got)
tripod
spraypaint and acrylic paint/ med-fine paintbrushes.
tarp or dropcloth
optional: quick release skewer
see below for additional materials needed for the wheel ticker

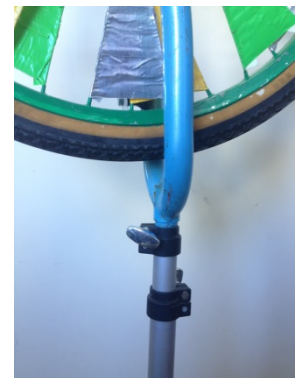


1) Decorate the **wheel** - lay out your **tarp/dropcloth**. Count the number of spokes to determine how many duct tape panels you'll create. The space inbetween the panels on the wheel rim will determine how many spaces you'll have for the ticker numbers. Use brightly colored acrylic paint to divide the sections on the rim. Use the **Duct Tape** around the spokes.



2) Decorate the fork and tripod using paint, tape, stickers, etc.

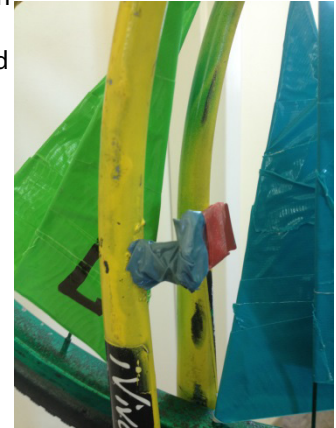
3) Attach the fork to the tripod - here's where your creativity comes in based on the materials you have. You may need to insert a metal rod into the fork so that it can clamp to the tripod. Talk to handy people you know, ask questions at a hardware store, and find a solution that works for your equipment. Consider whether you'd like to be able to easily dismantle the wheel and fork from the tripod for portability.



The last step is attaching the wheel ticker. You'll need a piece of sturdy plastic (one that can stand being repeatedly rubbed against the bike spokes without permanently bending or breaking) and the means to attach the ticker to the fork. The size of the plastic will depend on how you mount it to the fork - it needs to be just long enough to hit the spokes.

You've got (at least) two options for attaching the ticker:

1) Find a handyperson who can weld a piece of metal onto the fork to hold the ticker in place.



2) Purchase P-clamps, punch or drill holes into the plastic, and secure the ticker to the p-clamp(s) using nuts and bolts.

OR: Figure out a new way to attach the ticker and share your idea!



Last step : Insert the wheel into the fork. If you'd like to be able to easily remove the wheel, use a quick-release skewer. Then, get your safety spin on!



Resources:

Your local: bike shop, hardware store, craft store, reused/ recycled store, flea markets