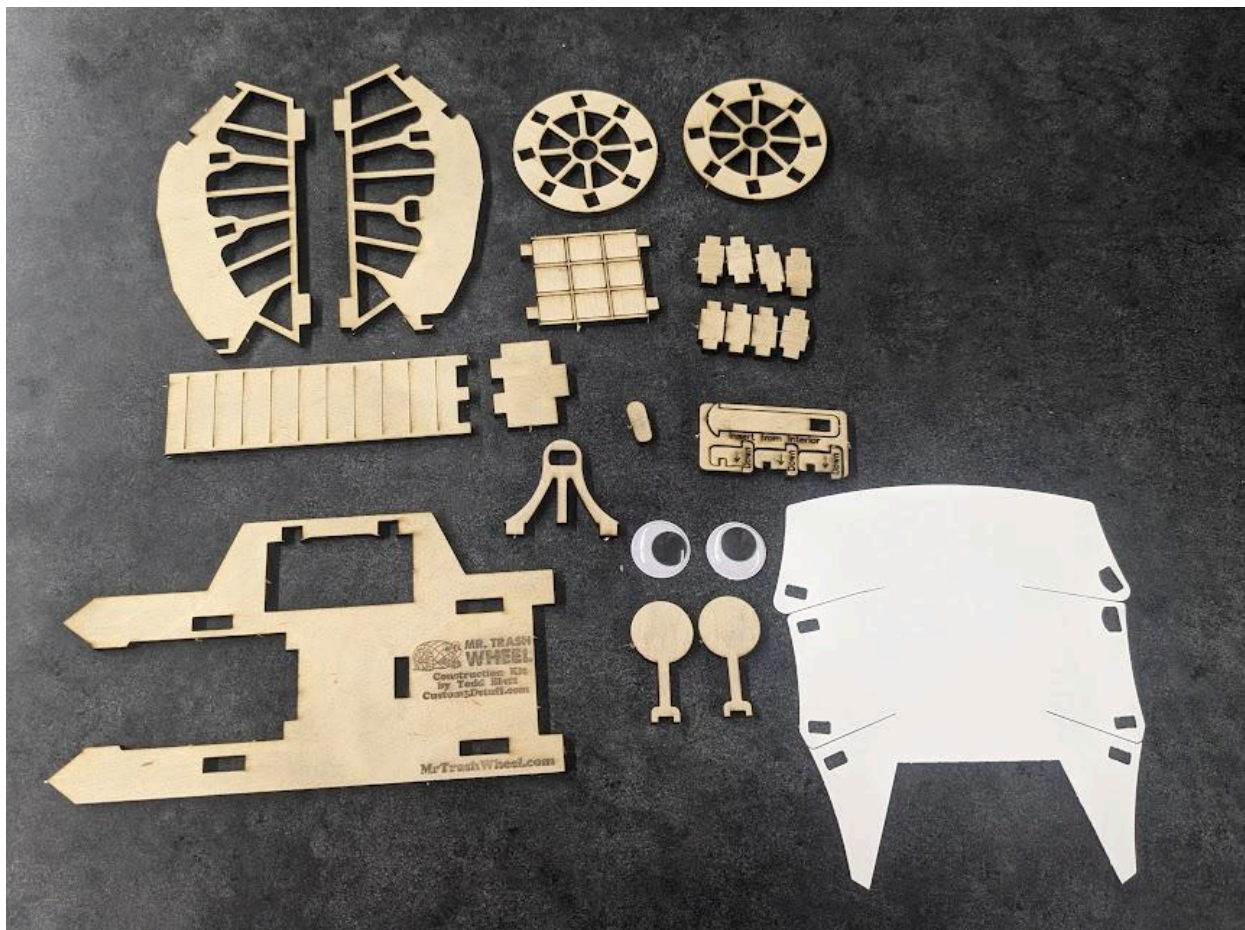


Thank you for picking up the official Mr Trashwheel Construction Kit! Your purchase directly supports a cleaner, healthier harbor and a better Baltimore. This kit was made in Baltimore at the Baltimore Node Makerspace and designed by Todd Blatt. You won't need any screws or glue for its construction. It is made of wood which can have some small variations because it's a natural material. Please be careful of splinters, and you may want to sand down any sharp bits as needed. As production goes on, small variations might occur so don't worry if your model doesn't look exactly like the pictures; the end result will be the same. Let's build this model together!

Step 1: Prepare Your Kit Parts

This image shows all 27 pieces you'll need for the build, 24 wood parts, two eyes, and the plastic roof.

1. Carefully punch out all the wood pieces from the sheet. Lay them out and check against the parts list to ensure you have everything needed.
2. Discard the scrap wood once you've verified all parts are present.



Step 2: Assemble the Vertical Sides and Base

These images show the process of attaching the vertical sides to the base.

1. Take the vertical sides and orient them correctly; they are designed to only fit one way.
2. Press each vertical side firmly into the corresponding slots on the base.
3. Don't worry about getting it wrong—they won't fit if placed incorrectly.

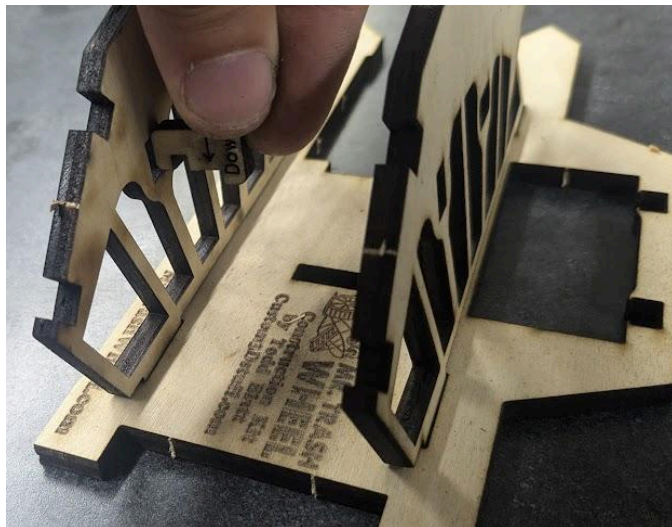
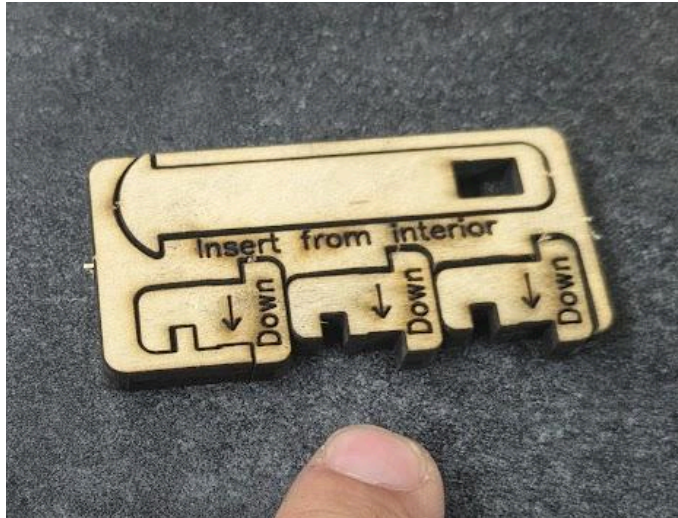


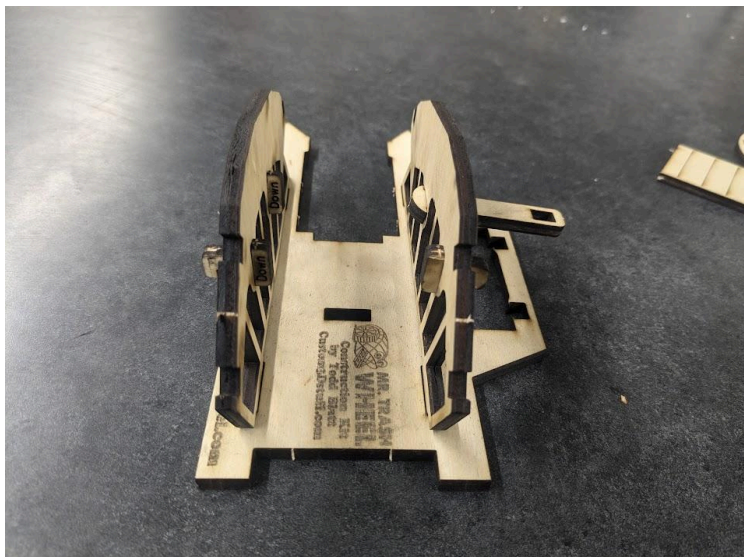


Step 3: Attach the Hooks and Wheel Axle

These images illustrate the process of attaching the three hooks and the wheel axle.

1. Punch out the three hooks and the wheel axle from the wood sheet.
2. Press each hook through a slot on the vertical sides from the inside of the model, ensuring the hook faces downward as indicated by the arrow and the word "DOWN" on the parts.
3. Insert the wheel axle through the designated slot from the interior of the boat, taking the place of the fourth hook.

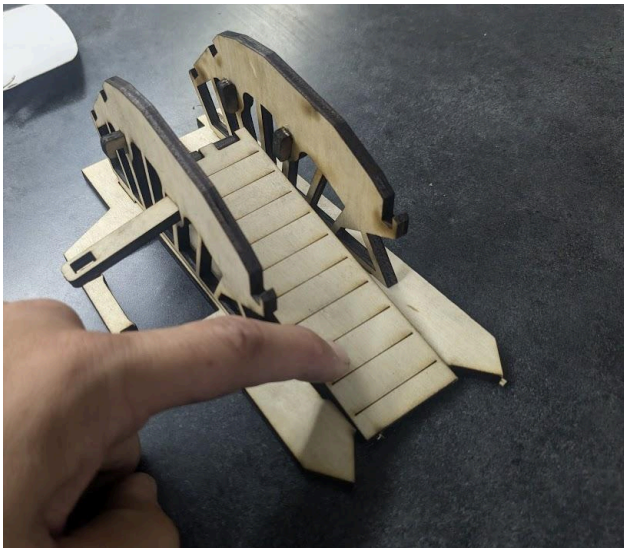
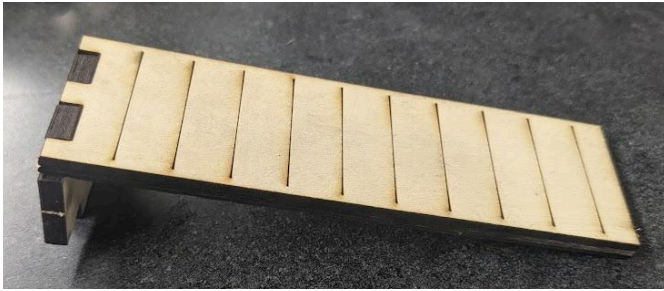




Step 4: Assemble the Trash Conveyor

These images show the assembly of the two pieces that form the trash conveyor.

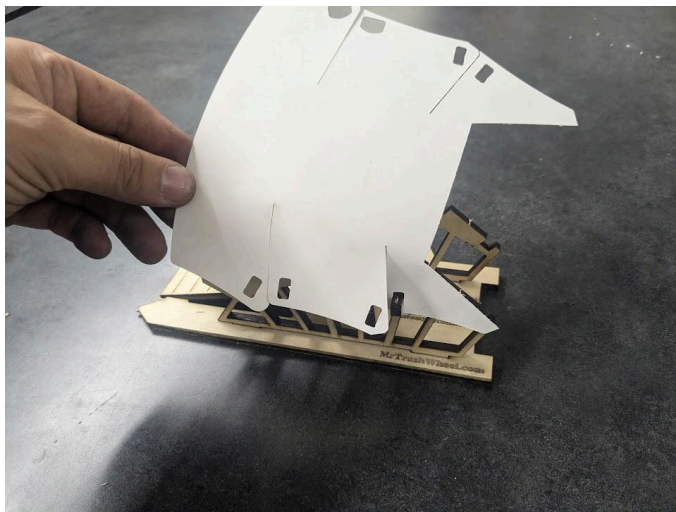
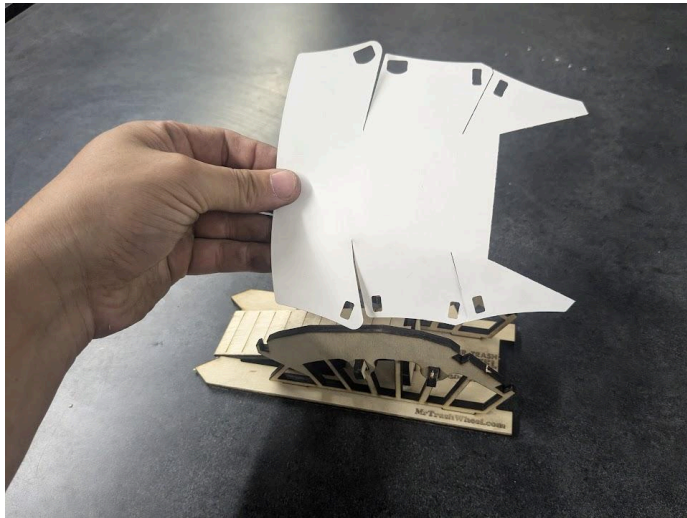
1. Take the smaller piece of the trash conveyor and press it into the center base of the boat, ensuring it is firmly in place.
2. Press the longer conveyor belt piece on top of the smaller piece.
3. Fit the other end of the long rectangular conveyor belt snugly between the two ends at the front of the boat.

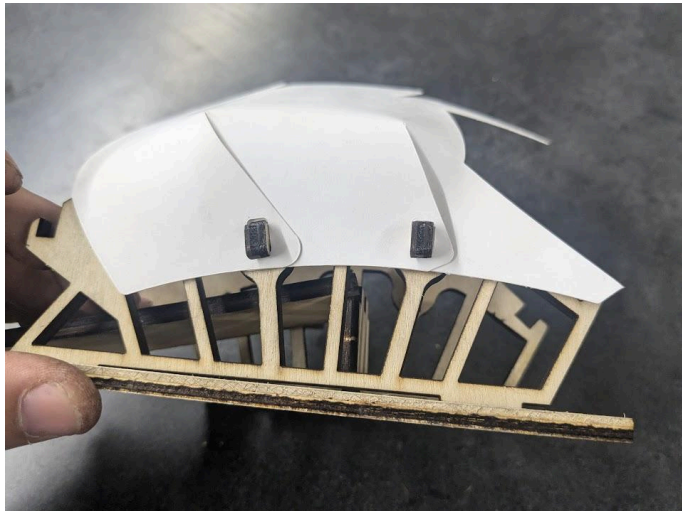
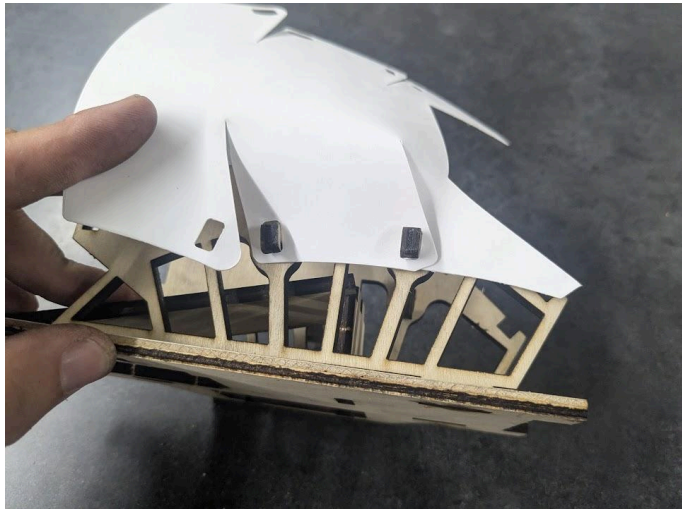
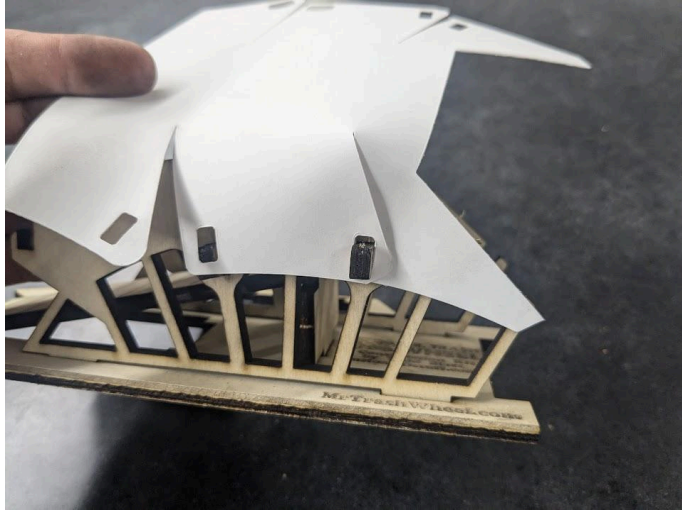


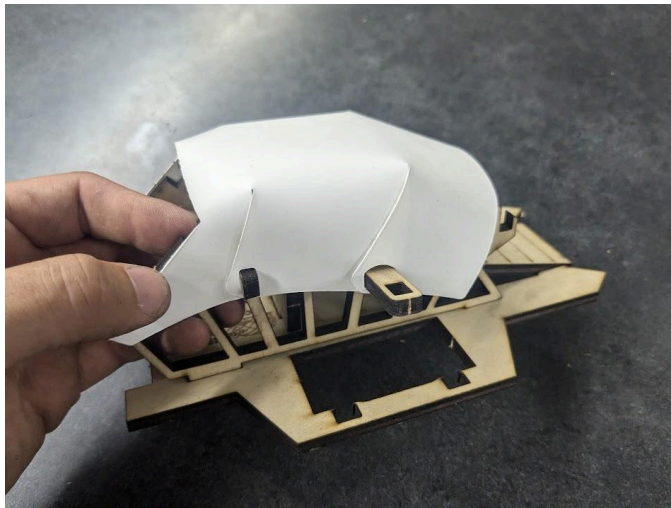
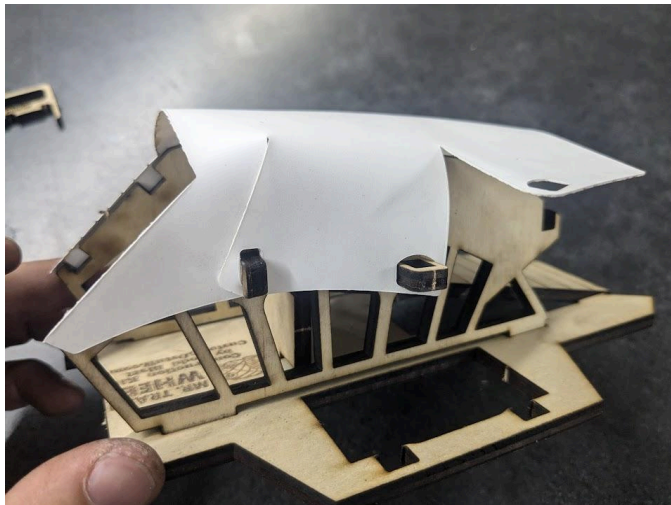
Step 5: Attach the Flexible Plastic Roof and Solar Panels

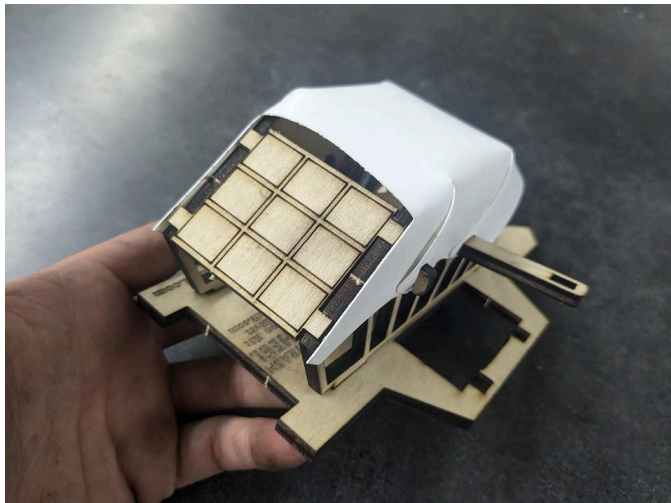
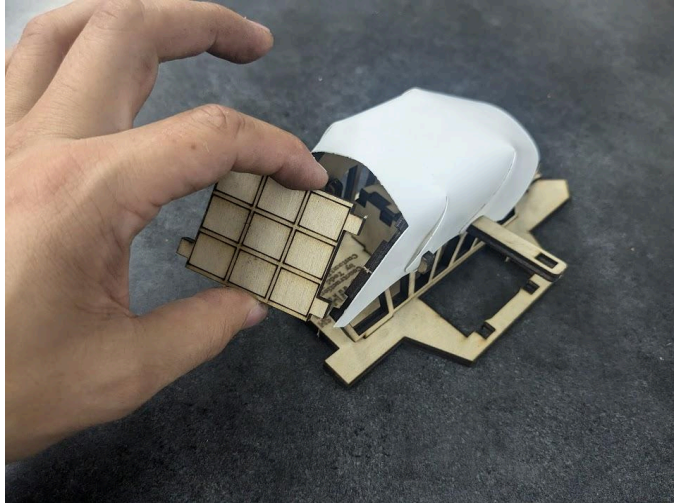
Before starting this step, wash your hands to avoid leaving soot marks on the white plastic roof. These images demonstrate how to attach the flexible plastic roof to the model, and the wooden Solar Panel to the back.

1. Slip the holes in the plastic roof over the wooden hooks inserted in the vertical side walls in Step 3. Each hook will go through two different holes.
2. Start with the non-wheel side, inserting the hooks through the first four holes.
3. Next, attach the hook on the wheel side.
4. Secure the roof by inserting it over the wheel axle.
5. Press the four tabs of the solar panel into the notches at the back of the model.





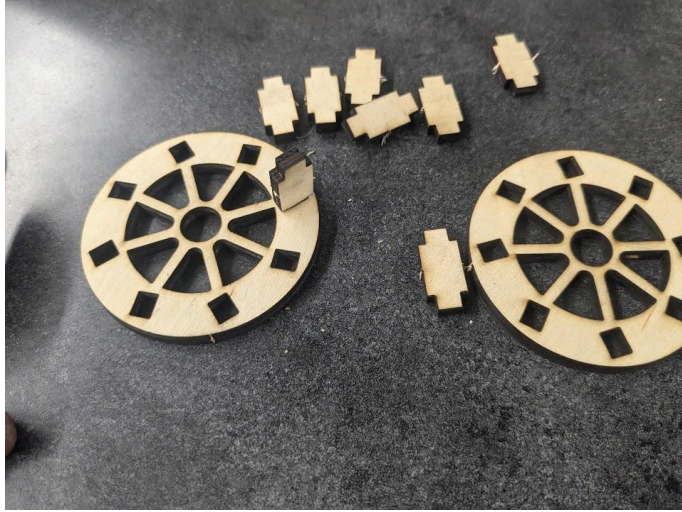




Step 6: Assembling the Water Wheel

These steps will walk you through how to build the wheel.

1. You should have 8 small paddle pieces and 2 round wheel pieces.
2. Take the first round wheel piece and press the tabs of each of the 8 paddles into the slots around the wheel. Ensure each paddle is inserted securely.
3. Position the second round wheel piece above the paddles on the first wheel.
4. Carefully adjust each paddle so that their tabs align with the slots on the second wheel. This step requires some patience, as you need to ensure all paddles fit into their respective slots simultaneously.
5. Once all paddles are aligned and fitted, press the second wheel piece down onto the paddles until it is firmly in place. Make sure the assembly is secure and all paddles are properly aligned.

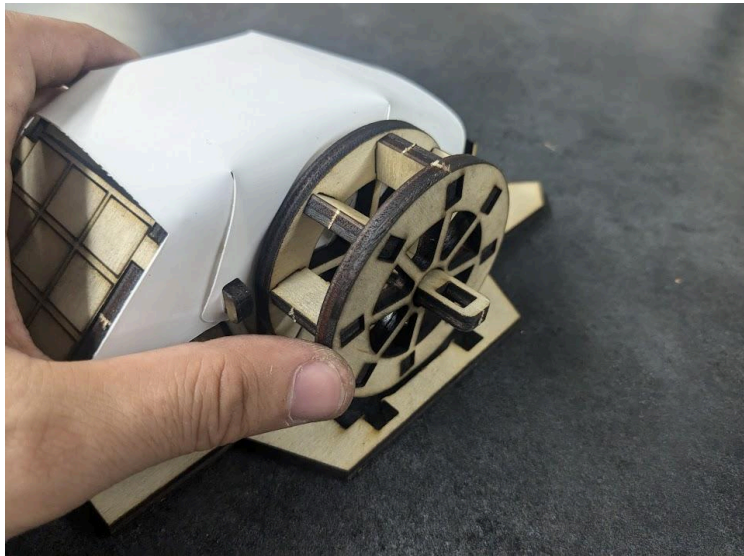
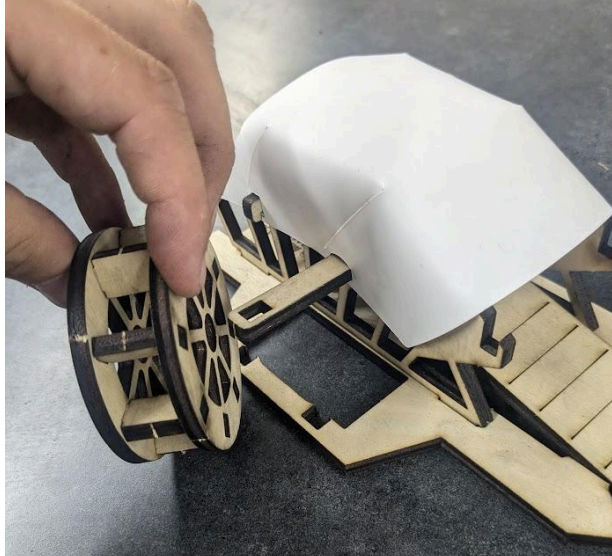


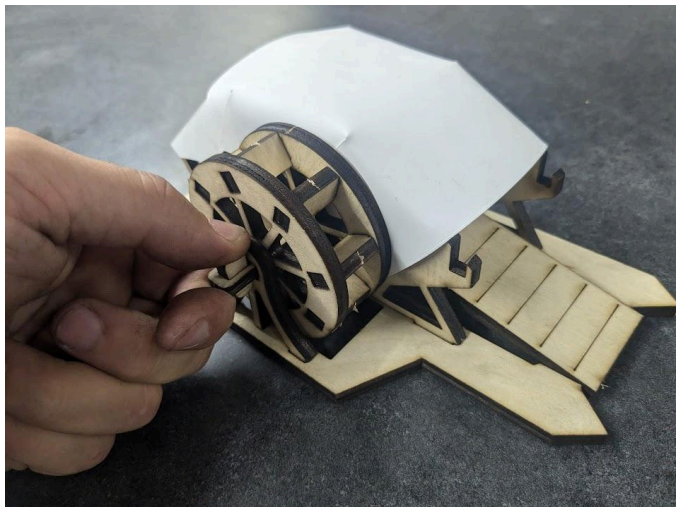
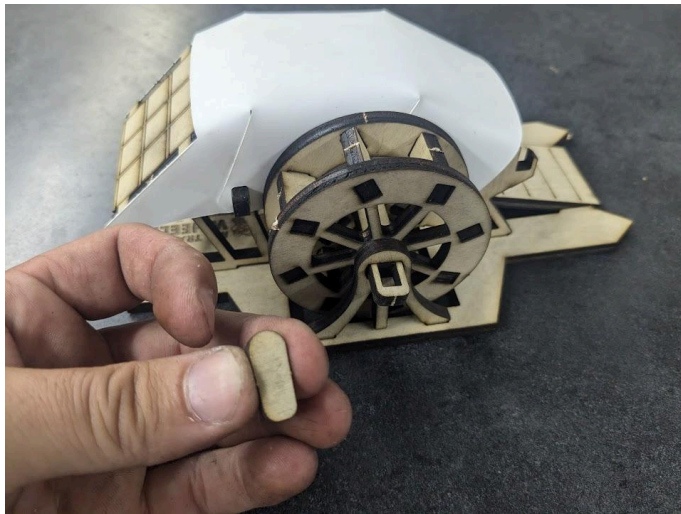
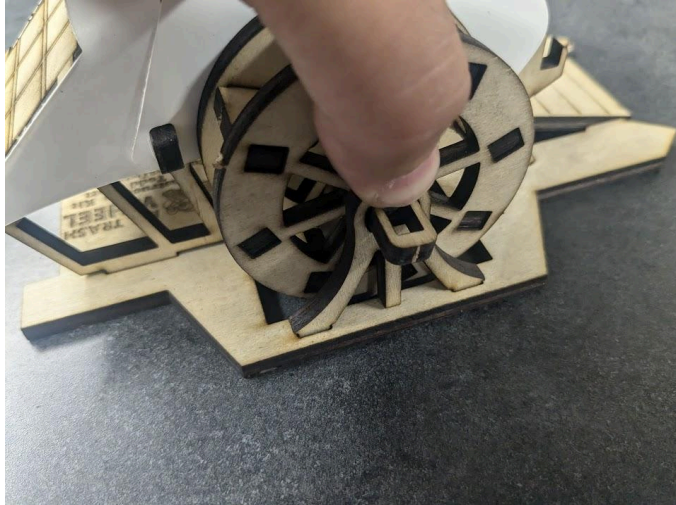


Step 7: Attaching the Wheel

These images show how to attach the wheel to the model using the support and pin.

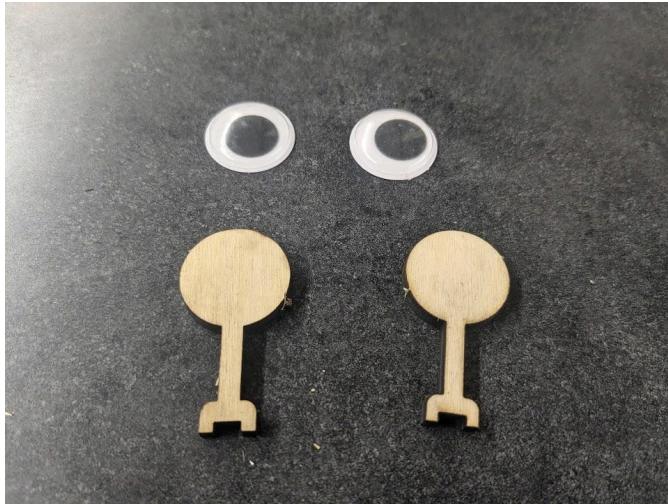
1. Slide the Wheel onto the Axle: Position the assembled water wheel and slide it onto the axle. Move the wheel so that it is positioned against Mr. Trash Wheel's vertical side and roof assembly.
2. Insert Axle Support Piece: Take the axle support piece and press it into place to secure the wheel assembly.
3. Pull the Axle Through: Gently pull the axle through the support piece to ensure it's fully in place.
4. Secure with Pin: Insert the pill-shaped pin into the designated slot to firmly secure the axle.

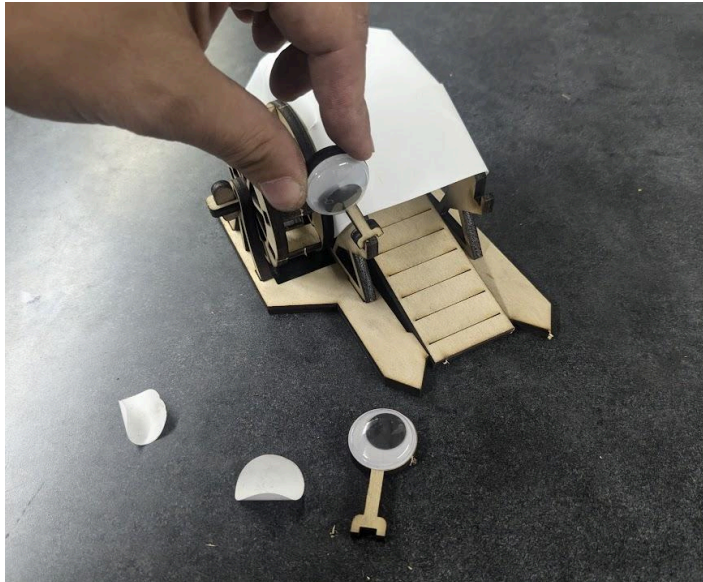
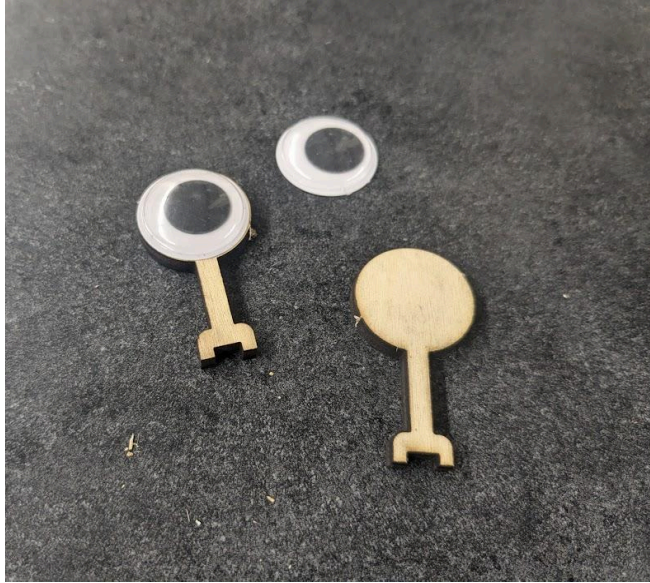




Step 8: Completing the Look
All eyes on me! We're almost done

1. Peel off the adhesive backing from the wiggle eyes and attach them to the eye stalks.
2. Press the eye stalks into the slots at the front of Mr. Trash Wheel.







Share your creation online and tag @mrtrashwheel in your posts! Take it with you as you explore the city, and post pictures online around town. Maybe pick up a piece of trash while you're walking around ;)