

Museum of Craft and Design

SPARE PARTS MOTO



PROJECT DESCRIPTION

Gather together an assortment of recycled materials, and build a sustainable, custom moto bike of your own to celebrate the new exhibition [MOTO MMXX](#). Your bike will be one-of-a-kind, just like many of the pieces in the show!

RECOMMENDED AGE/SKILL LEVEL:

Recommended for 8+ with adult supervision for hot glue use.

MATERIALS

- Motorcycle template
- Spare hardware materials (ie: allen wrench, screws, sponge, cork, clips)
- Dowels, chopsticks, toothpicks, old ballpoint pens, paper clips or skewers
- Pipe cleaners or wire
- Thin paper or newspaper
- Cardboard and/or plastic
- Tape
- Hot glue
- Scissors
- *OPTIONAL*: Paper and pencil for design, stickers, pom poms, or other embellishments



INSTRUCTIONS

- Trace, print, draw, or view a motorcycle template online as your guide. You'll be able to match individual parts more easily this way.

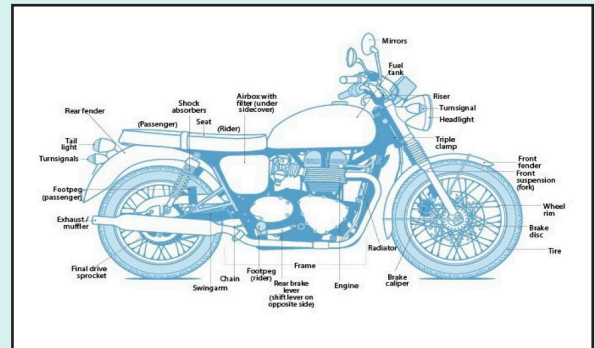
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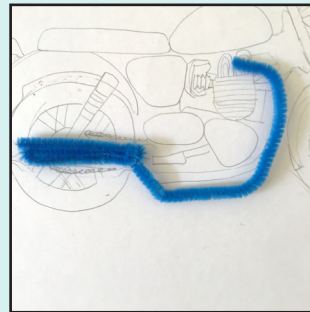
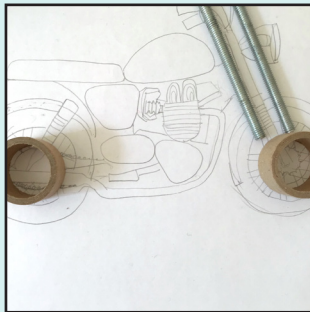
- Inspired by your diagram or image, find materials to stand in for motorcycle parts. Choose your materials based on shape, texture, size, or imaginative potential.

- Parts include:

- Fork
- Frame
- Wheels
- Engine
- Exhaust
- Headlights
- Fenders
- Seat—and more!



- Your design might include many details, or be minimalist, imitating basic shapes. Cut and alter materials as needed.



- Will your wheels turn or will they be fixed?
 - For kinetic wheels, remember that you will need 2 axles, one for each wheel.
 - Fixed wheels will be slightly easier to construct and will help the bike stand up better.
- Trim, combine, or decorate materials to create the shapes you want.



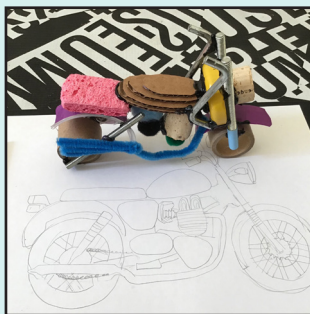
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- Begin building, using hot glue or other strong adhesive to hold pieces together. *TIP:* Build large parts of the motorcycle frame first. Check as you go to make sure that it will stand up. You can also consider how to craft a kick stand.
- Glue or wire smaller parts onto the motorcycle body.



- Check your motorcycle's appearance from both sides.
- Find a backdrop for your motorcycle! Where do you imagine it going?



ADDITIONAL RESOURCES

CONNECT SOCIALLY AND LEARN MORE

Facebook & Instagram: @MuseumofCraftandDesign

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Share your project! Post and tag #MCDatHome