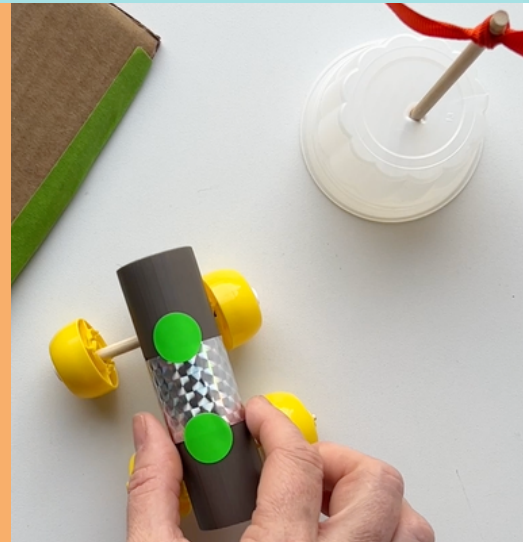


MAKING A CAR FROM REPURPOSED MATERIALS

Explore friction and force with a model car from ScrapsKC

FORCE is the push or pull on an object that creates or stops movement. **FRICTION** is a force that slows down movement when two surfaces rub against each other. When you slide your hand across a table you can feel friction!

Cars use wheels to reduce the amount of friction, making it easier for the car to go faster. Without wheels, the heavy load of a car would have to be dragged or pushed on the ground.



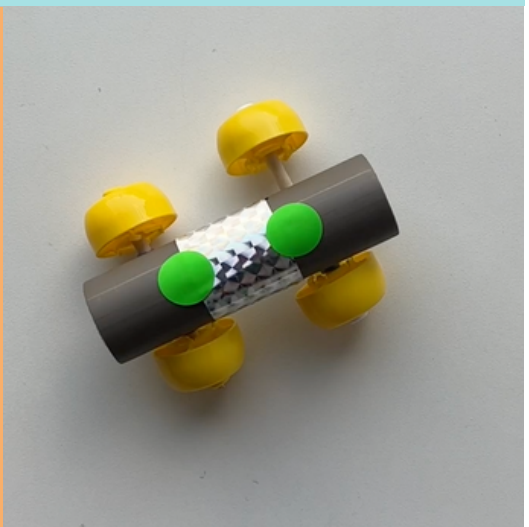
In this workshop, you will be making a model car using repurposed materials. Build your car and test it out on different surfaces to observe the changes friction makes on movement.

Scan the QR code to watch a video tutorial!



Make your own: Hot glue the straw pieces on to the car body. Insert a wood axle through a straw piece. Add a wheel to each side. Add beads to the tapered ends of the wood rod to bolt on the wheels! Press the beads on firmly until they are tight. Repeat for the other axle. Now test it out on different surfaces!

For full tutorials, see the detailed instruction sheet or watch the video tutorial.



We can't wait to see the pieces you create!
Share your photos and tag @scrapskc on social media.