

Rubber Band Car Assembly

Supplies

4 inch skewer - 2
 3 inch skewer - 2
 1 inch length pipe cleaner- 1
 Wheels- 4
 Rubberbands for Wheels - 2
 Rubberband for Propelling - 1
 Frame Pieces - 2
 ½ inch straw spacers - 4

1. Your frame will have 4 holes drilled in them. Insert the 3 inch skewers into the inside holes (2 inches from the end of the frame), making a “ladder”.
2. Take a 4 inch skewer and insert 1 large wheel on one end. If it isn't fitting snugly, wrap the end of the dowel in a small piece of tape until it fits tightly) Thread a ½ inch straw spacer onto the dowel. Insert the skewer through the ‘outside’ holes at the end of the frame, thread on another spacer (trim these if necessary), and insert your other large wheel into place. This is your back axle/wheel.
3. Repeat step 2 with the other 4 inch dowel and small wheels.
4. Wrap the pipe cleaner tightly onto one of the car axles, allowing it to stick up over the axle. This creates a “hook” for your rubber band to grab as you wind it up.
5. To create traction, wrap your large back wheels with the 2 rubberbands that are the same size.
6. Take the longer rubber band and loop it around the 3 inch dowel opposite the axle with the “hook”. Hook the other end on the back axle.
7. Holding the car, turn the back wheels to wind up the rubber band, set the car down, and watch it go!

