

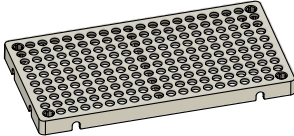
Super Short Go Guide

Rubber Band Racer

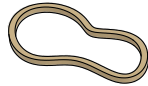


Racer Supplies

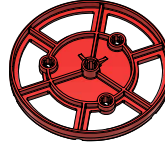
These are the parts you'll need to make one racer, plus some extras, for your own unique designs.



2x Hole Plates
SKU 1821-32



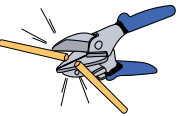
5x Rubber Bands
SKU 1821-39



2x Wheels
SKU 1821-30



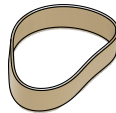
9x Dowels
SKU 1821-20



Dowel Sizes
3x 10 cm (4 in)
4x 13 cm (5 in)



1x Stop Clips
SKU 1821-60



2x Tire Rubber Bands
SKU 1821-64



1x Slide Stop
8 cm (3 in)
SKU 1821-49

Optional



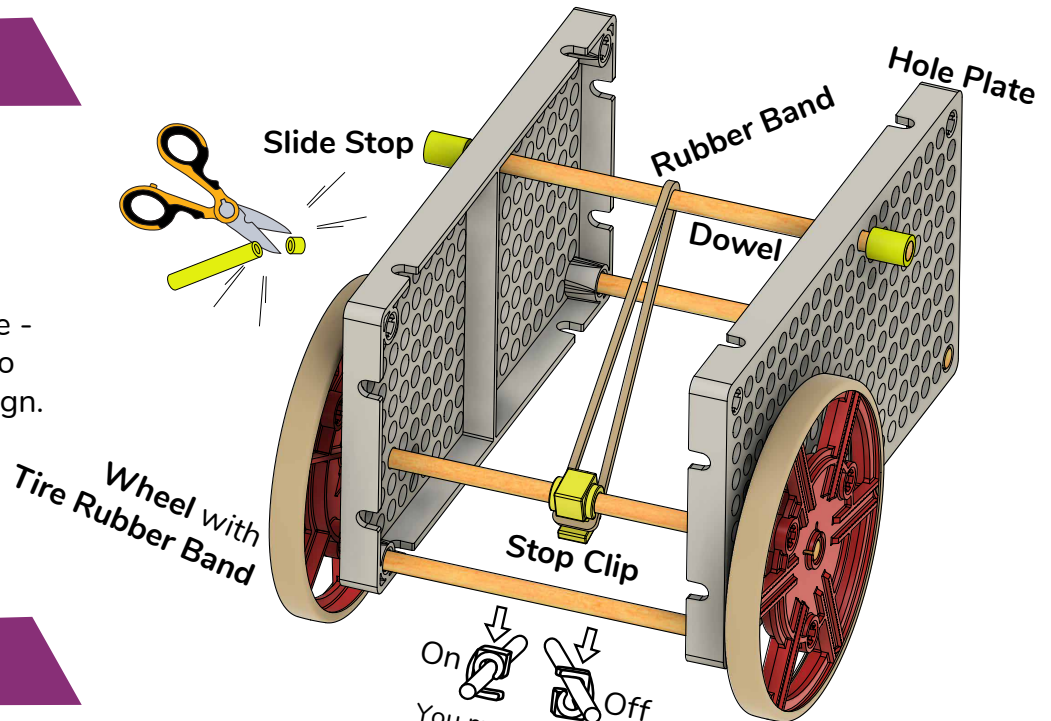
Recycling Materials

What can you add to make your design even better?

Build Your Racer

Use the diagram to the right to make your example racer!

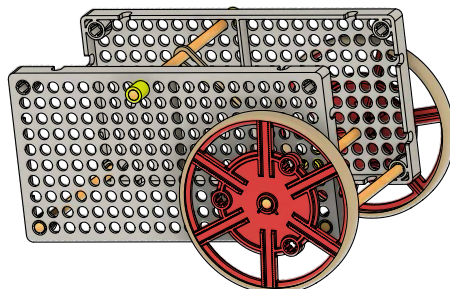
This racer is just an example - later on you'll customize it to make your own unique design.



Test It Out!

Hook the rubber band, wind it up, and let it loose!

How far can you make your racer go?

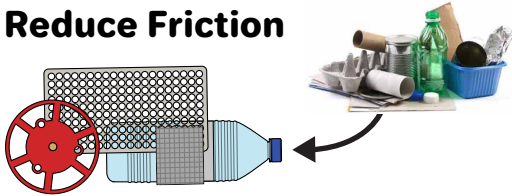


Racers perform best on smooth, flat surfaces.

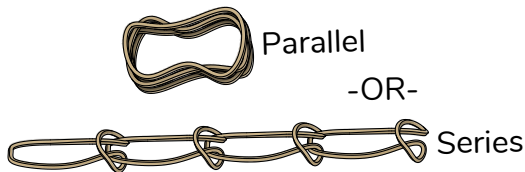
Evolve Your Design

The example build isn't very good - redesign it to make an even better racer!

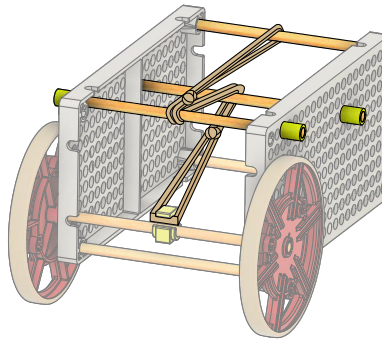
Reduce Friction



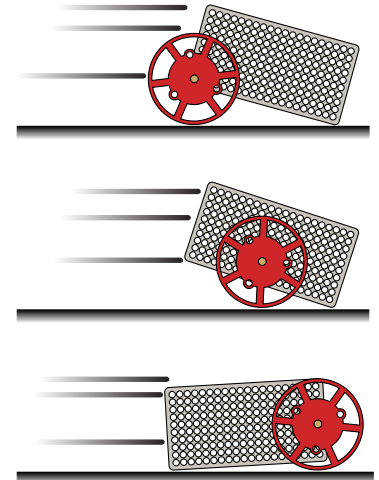
Add Rubber Bands



Use Pulleys (dowels)

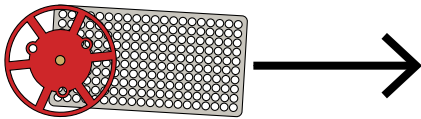


Move The Wheels



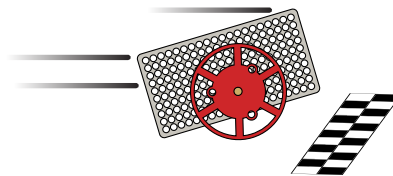
Optional Challenges

Long Shot Challenge



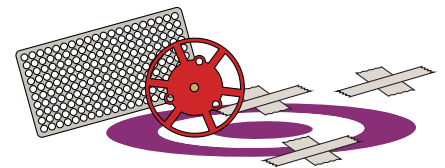
Make your racer go as far as you can. **The racer that goes the farthest wins!**

Sprint Challenge



Compete for the fastest time on a 60 cm (2 ft) track. **The fastest racer wins!**

Target Challenge



Design your racer to stop as close to the bullseye as possible (make one on paper or use a mark on the floor). **The closest racer wins!**

Deck It Out

Give your racer looks that match how it drives!



Is it fast?

Is it goofy?

