ACTIVITY 1

In this activity, you'll build four different prop racers. Can you guess how prop racers got their name? That's right, they are powered by the propeller at the back of the racer!

LET'S MAKE



GATHER YOUR SUPPLIES

INCLUDED

PROP RACER SET



NOT INCLUDED







MARKERS OR OTHER ART SUPPLIES (optional)



RULER

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The Prop Racer Set provides you with enough materials to build four prop racers, each one a little different. The laser-cut wood is sturdy but can break if you push too hard, so be careful! If you break a piece, you might not be able to complete your build. However, you can still complete the activities as long as you have one working racer.

THE SET UP

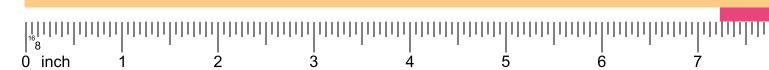
STEP 1

Open the Prop Racer Set and separate the materials into four kits.



STEP 2

Find the long piece of rubber and cut off 24". Repeat three more times so you have four pieces each 24" long. (You'll have rubber left over.)



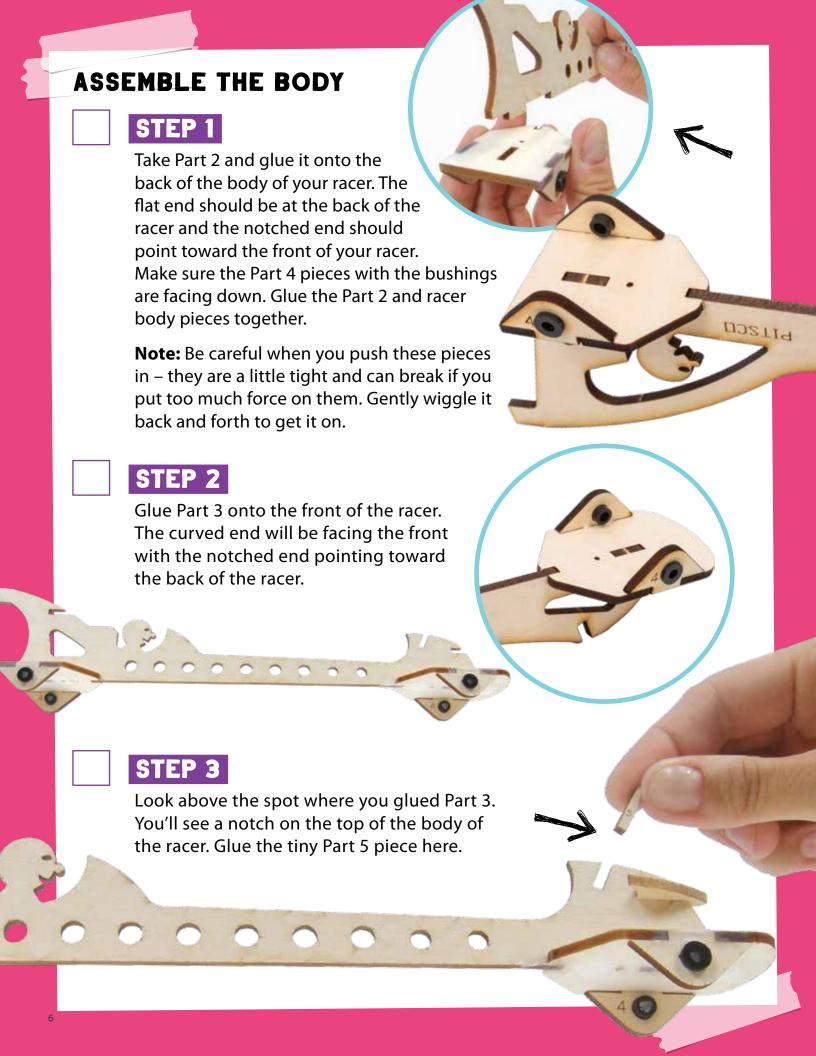
STEP 3

For this build, you'll be gluing pieces together. You'll need to glue all wooden joints together when noted in instructions.

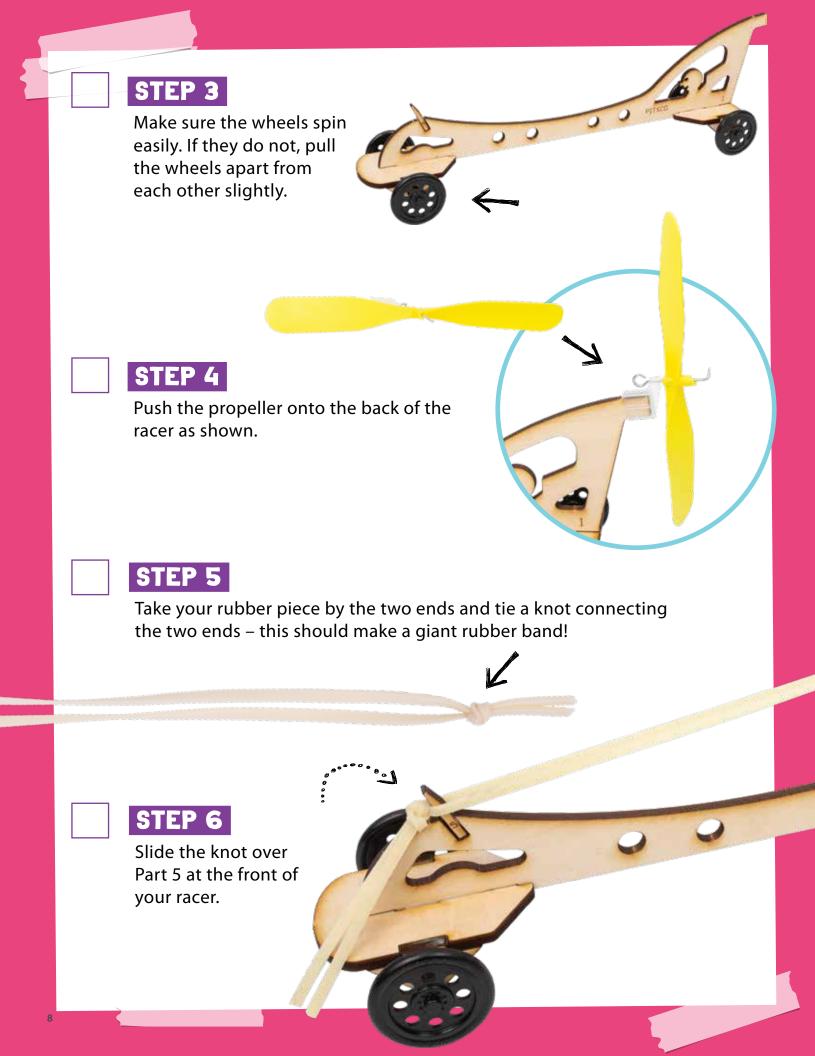














Note: After you've assembled all four racers, you might have a few wooden pieces and small metal screw eyes left. These pieces are not needed for the activities in this booklet.

THINK ABOUT IT

Write a story about one of your prop racer drivers.

Look at each of the racers in the kit. How are they different? How do you think these differences will affect the racer?