



# Race Time

Cub Scouts · Elective · Wolf rank

Name

Started

Completed

Race Time lets you build and race a Pinewood Derby car or Raingutter Regatta boat. You'll design, build, and test with an adult, then race with your pack. The best part is making something yourself and cheering for everyone.

## Requirements

Every official requirement, in plain language. Check the official wording when you sign off ([scouting.org/cub-scout-adventures/race-time-wolf/](https://scouting.org/cub-scout-adventures/race-time-wolf/)). Tips and examples are ideas, not extra requirements.

- ☐ **1** With an adult, build a car for the Pinewood Derby or a boat for the Raingutter Regatta

**Tip:** Draw your design first. Let an adult handle saws and tools while you sand and paint.

**Example:** You draw the shape, your adult does the cutting, and you sand it smooth, paint it, and add decorations. Then you work together on the wheels or the sail.

- ☐ **2** Learn the race rules for the vehicle you chose in requirement 1

**Tip:** Read the race rules together so your car or boat fits the size and weight limits.

**Example:** Race rules usually limit weight and size and say which parts you can use. Read your pack's rules together and check your car or boat with a kitchen scale and a ruler.

- ☐ **3** Identify ways you could make your chosen vehicle faster

**Tip:** Talk about ways to go faster, like smooth wheels for cars or a good sail shape for boats.

**Example:** For a car: sand the wheels smooth and make sure they spin freely. For a boat: try a different sail shape and test it in a bathtub by blowing on it.

- ☐ **4** Before the race, talk with your den about how you will show good sportsmanship during it

**Tip:** Plan with your den how to cheer for others and shake hands, win or lose.

**Example:** Your den might agree to clap for every racer, say "good race" to the person next to you, and help pick up a car that falls off the track.

- ☐ **5** Race your car or boat in a Pinewood Derby or Raingutter Regatta

**Tip:** Race on race day and have fun. Cheer for your friends too.