



Race Time

Cub Scouts · Elective · Bear rank

Name

Started

Completed

Race Time lets you build and race a Pinewood Derby car or Raingutter Regatta boat. You'll design and build with an adult, test ideas to go faster, and race with your pack. Cheering each other on is part of the fun.

Requirements

Every official requirement, in plain language. Check the official wording when you sign off (scouting.org/cub-scout-adventures/race-time-bear/). 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: Sketch your design. Let an adult handle cutting while you sand, paint, and decorate.

Example: This year you might do more yourself: trace the shape, sand every side, paint, and add details. An adult still handles the saw and the drill.

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

Tip: Read the rules together so your car or boat fits the limits.

Example: Read the rules with your adult and make a checklist: size, weight, and which wheels or sails are allowed. Weigh your car or boat on a kitchen scale before check-in.

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

Tip: Try ideas like smoothing wheels or shaping your sail, and test them.

Example: Test one change at a time. Roll your car down a board propped on books before and after smoothing the axles, or blow on your boat in the bathtub with two different sails.

- ☐ **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 after each race.

Example: Your den might plan to shake hands after every heat, cheer for every car by name, and offer to help someone whose wheel pops off.

- ☐ **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.