Pinewood Derby Trophies - Single Extruder Edition

Shabubu

VIEW IN BROWSER

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Summary

Trophies for Pinewood Derby competitions that can be printed with a single nozzle/tool printer.

Sports & Outdoor > Indoor Sports

Tags: race racecar bsa pinewood derby pinewoodderby cubscouts scouts boyscouts carrace

This year I was limited to 2 extruders and heavy time restraints so I decided to breakdown the trophies to individual parts. In my photo I still used two extruders for the plaques and the tire topper, but these could still be accomplished with single extruder. Put text on top of the plaque and change filament at the specific layer height, and same could be done for the text on the tires.

What to print:

- 1x Base
- 1x Plaque
- 1x Column Bottom
- 1x Column Top
- 1x Column Body - Any height
- 1x Tire Topper

Assembly order:

1. Glue plaque to base
2. glue column bottom to base
3. glue column body to column body
4. Push tire topper through column top
5. glue tire topper and column top to column body

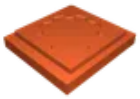
Feel free to tinker: https://www.tinkercad.com/things/0Rhi2QcMNon-pinewood-derby-trophies-exploded

This remix is based on

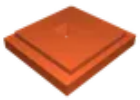
Pinewood Derby Trophies

by Shabubu

Model files



column-bottom.stl



column-top.stl

plaque.stl

base.stl

column-body-tall.stl

column-body-medium.stl

column-body-short.stl

tire-topper.stl

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