



Saturday, April 13, 2024, 10 am - Noon
Ozaukee County Fairgrounds Pavilion, Cedarburg

Aerodynamics, friction, gravity, potential and kinetic energy...what are the secrets to building a fast Pinewood Derby Car?

Aerodynamics, friction, gravity, potential and kinetic energy...what are the secrets to building a fast Pinewood Derby Car? Take your car though stations and investigate ways to make your car go faster!

Bring with you:

- completed wood car body
- wheels and axles (nails) in their original condition
- weights (optional)
- cordless drill (if you have one)

You'll have the opportunity to race your car on the derby track while making improvements to it. There will be stations where you can use trial and error to find the best placement for additional weight, reduce the friction on axles and wheels, and experiment with lubricants. We'll have tools, drills, scales, etc. available for you to perfect your wheels, axles, and weight.

Show Up, no pre-registration required!

An AA/EEO employer, UW-Madison Division of Extension provides equal opportunities in employment and programming, including Title VI, Title IX, Americans with Disabilities Act (ADA), and Section 504 of the Rehabilitation requirements.



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