



Ranger Derby

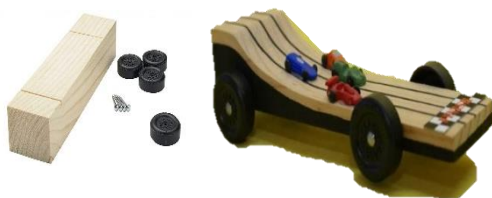
March 5th, 2022

Registration: 9:00 - Racing: 10:00

All boys and girls welcome!

OLD SCHOOL

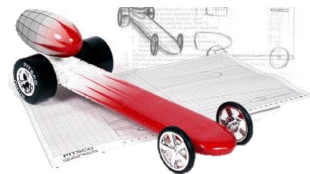
Pinewood Cars



Goliath Class Cars

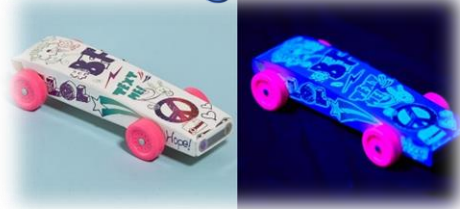


C/O² Cars

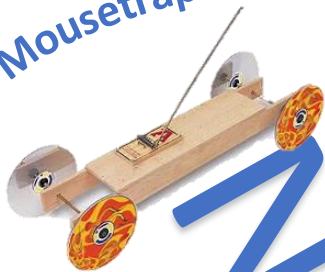


VS

Blacklight Cars



Mousetrap Cars



Lego Cars



NEW SCHOOL

Registration Cost: \$7 per vehicle

Vehicles will be measured, weighed, and collected at the time of registration. Once registered vehicles will be unavailable to the owner apart from Lego car repairs.

Divisions are by grade:

Elementary:

K-2, 3-5

Middle & High School

6-8 & 9-12

Open

(All ages including adults)

Pinewood Cars: K-2, 3-5 ,6-8, 9-12, Open

Lego Cars: K-2, 3-5

C/O ² Cars: Open class for 6th graders and older

Blacklight Cars: Open

Goliath Class: Open

Mousetrap Cars: Open

Rules and Construction:

Pinewood:

Cars must weigh no more than 5 ½ OZ.

Dimensions must be as follows: Width shall not exceed 2 3/4 Inches, Length shall not exceed 7 Inches.

Restrictions: No wheel bearings, washers, or bushings. No lubricating oil. Axles may have powdered graphite or silicon. No springs, vehicle must be free wheeling with no starting devices

Recommend using the Ranger Derby Car Kit available from MyHealthyChurch.com

<https://myhealthychurch.com/store/startcat.cfm?cat=sRRDERBY&mastercat=&path=sRRDERBY>

Lego Cars:

Cars must weigh no more than 10 OZ.

Dimensions must be as follows: Width shall not exceed 2 3/4 Inches, Length shall not exceed 7 Inches.

Restrictions: No wheel bearings, washers, or bushings. No lubricating oil. Axles may have powdered graphite or silicon. No springs, vehicle must be freewheeling with no starting devices

Lego cars may be built onsite or brought assembled.

Recommend using base/wheel kit from Derby Magic.

<https://derbymagic.com/mini-bricks/>

C/O ² Cars:

Recommend using balsawood dragster kits from AC Supply.

<https://www.acsupplyco.com/index.php?route=product/search&search=CO2%20dragster>

Follow rules published in the dragster kit for length, width, height, and minimum weight.

Mouse Trap Cars: Details to follow

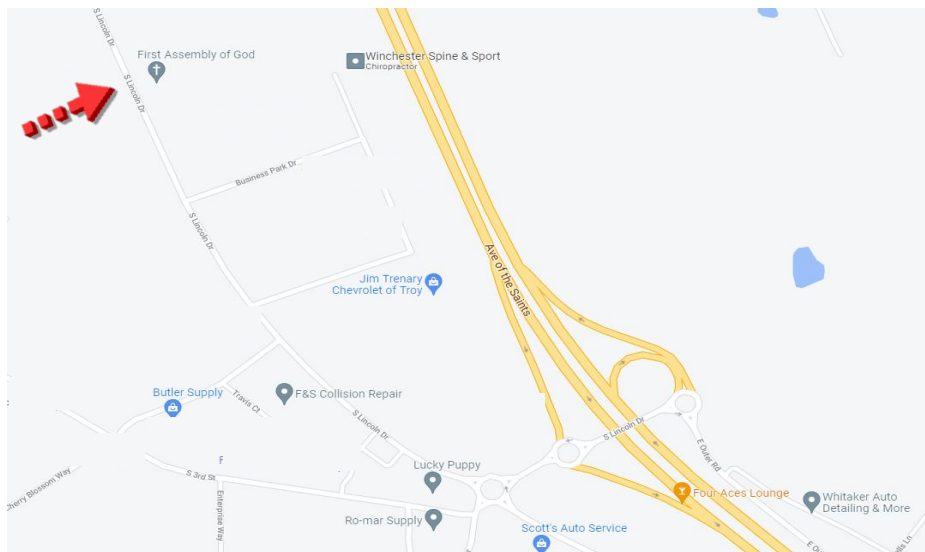
Goliath Class:

No restrictions other than must fit on track. Dimensions must be as follows: Width shall not exceed 2 3/4 Inches, Length shall not exceed 7 Inches.

Blacklight Cars:

Blacklight cars must comply with the restrictions of the class they are racing in. I.E. Pinewood, C/O ², Etc.

***Racing Derby will be hosted by the Troy Frist Assembly of God church, Located at
432 South Lincoln Dr., Troy MO 63379***



Breakfast, Lunch, and snack concessions will be available. Donation's welcome

R/C cars, racing tracks, Lego's and more for the kids to play with. Friends, family and cheering squad's welcome.