

Kub Kars at Bullcreek Leeming Kestrel Pack

Welcome to the world of Kub Kars. These Cub constructed cars have been enjoyed by our Cubs for many years. Hopefully these simple rules and materials provided to each Cub, will allow for a level playing field for everyone.

Have fun!

- The Kit: You should receive two blocks of wood, one for the body and one for the axles, 4 wheels and nails.
- When designing and constructing the cars Cubs should complete as much of the manufacture as possible.
- Design phase: Firstly, the Cubs will need to work out a rough design on paper so the cutting and shaping can take place right away. Maybe decide on a colour scheme and theme at this point. A quick Google search should help if you are stuck for ideas.
- Build phase: Then comes the build phase, where you will need some tools such as a little saw/dremel/sandpaper.
- Decorating phase: This is a chance to be creative! Think Lego, Star Wars, Minecraft, Zombies, 4WDs, Police Cars, Batmobiles, and so on.
- Testing phase: We will have a session on the Thursday before race night to test everyone's cars. We will weigh and measure them to make sure they meet the rules and give ideas about improvement.

Fun

Fair

Fast

Kub Kar Specifications

LENGTH

- The overall length of the Kub Kar shall not exceed 180mm.

WIDTH

- The overall width of the Kub Kar, including wheels, shall not exceed 70mm.
- The minimum distance between wheels shall not be less than 45mm.

HEIGHT

- The height of the Kub Kar, including wheels and additions to the Kub Kar, shall not exceed 76mm.
- The minimum clearance between the track surface and the underside of the Kub Kar shall not be less than 9mm.

WEIGHT

- The overall weight of the Kub Kar shall not exceed 180g.
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RESTRICTIONS

Body, wheels and axles shall be from the materials provided in the kit.

The Kub Kar shall be free-wheeling and must be propelled only by the force of gravity.

No starting mechanisms (ie: motors, magnets, etc.) shall be permitted.

Wheel bearings, washers and bushings of any kind are prohibited.

No lubrication of any kind is permitted.

The Kub Kar may not ride on springs or have a suspension of any kind.

All four wheels of the Kub Kar must touch the track surface at the same time while racing.

Wheels shall be mounted to the Kub Kar so that they are vertically square to the track surface and the full flat portion of the wheel shall be in contact with the track surface (in other words, Kub Kars are to have ZERO wheel camber).

Wheels shall not be shaped, profiled or machined, but may be sanded to remove mould flashing or burrs.

Details and attachments may be added providing they are securely fastened and do not exceed the maximum length, width, height and weight specifications.

Baggy October 2019