General Overview

Izzy’s Indy, held 9/13 - 9/15 (time will be determined) is a derby race created by Discovery World on Market as an exciting community-focused Science, Technology, Engineering, Arts and Math (STEAM) project embracing the design, test, build and learn framework. The spirit of Izzy’s Indy is to inspire and bring communities together in a shared experience to expand critical thinking, problem solving, communication, creativity and engineering skills of its participants and eventgoers.

The Cars

There are basic requirements that need to be met and a Tech Inspection that will need to be passed prior to competing. Don’t worry, cars can be made inexpensively!

Sponsorships

Maybe you have a sponsor (individual, business, etc.) who is willing to support your incredible build ideas in exchange for putting their name or colors on the vehicle!? It never hurts to reach out and ask! Maybe they have a marketing budget and are willing to support a unique campaign. *You will receive an official Sponsorship Form from DW.

Car Designs

This event will be heavily attended and advertised as a family-friendly event. No elements will be objectively offensive or insensitive in any manner to any group or community, including, but not limited to, overall design, naming; this includes names, inuendoes, design choices, etc.

The Competition

The Competition and Events will be over multiple days:

Test and Tune will be held the day prior to Race Day for those who wish to test their cars on the track. This is not mandatory.

Car Show/Race Day: All Competitors will be expected to arrive at a designated time to set up their cars for the public to see their cars up close (“car show”). This will be followed by the race.

Competitors will launch their vehicles from a designated starting point using only gravity as a means of propulsion; once launched a timing system will be triggered and driver(s) will navigate the course until the finish line is crossed. However, there is more to this competition than a timed race: participants may be judged on multiple criteria by Staff and Attendees.

While each car will be timed, Event Staff and Attendees can judge on the following criteria:

- Fastest: build a car that embraces speed! Will you be the fastest from start to finish?
- Wackiest: Is your car’s design simply “out of the box” and amazing?
- Over-Engineered: You went above and beyond just to prove you can. So what if the design isn’t the fastest?!
- Minimalist: Maybe you want to see if you can meet the bare minimum requirements but still have a car that can complete the course; this is trickier than it sounds...
- People’s Choice: appeal to the crowd in whatever way you can.
Izzy's Indy Waiver Release Form

Full Name of Participant: ________________________________

Parent/Guardian (if Minor Participant): ______________________________________________________________

Street Address: _______________________________________________________________________

City: __________________________    State:  _____________________    Zip Code:  _______________

Phone Number: _______________________    Email:  _________________________________________

I ____________________________ (Participant/parent/guardian) hereby agree
I, my child, and/or ward will be participating in the Izzy's Indy Derby race, As such, I (and/or my child), in consideration of the use/participation in
Izzy's Indy Derby, together with my/our heirs, executors, administrators, and assigns, hereby release, waive, and
forever discharge and covenant not to sue Discovery World on Market, Izzy's Indy Derby, its sponsors, and all associated with the Izzy's Indy Derby event, its sponsors, and/or all of their officers, agents, members, employees, full
or part-time, insurers, lessees, lessors, and associates of any status whatsoever, all for the purpose herein referred to
as Releasees, from all liability to me (and/or my child), my/our heirs, executors, administrators, and assigns for all
loss or damage, and any claim or damage therefore, on account of injury to my person, child, and/or ward, or property
resulting in my death, whether caused by the negligence of Releasees or otherwise while I or my child/ward is utilizing the race track facilities
at Izzy's Indy Derby and/or observing any Izzy's Indy Derby and/or related event being held by Discovery World on Market.

I hereby further agree to indemnify and to hold forever harmless the said Releasees from any and all claims, loss,
liability, damage, or cost Releasees may incur due to my and/or my child/ward’s presence while utilizing the above-
described race track facilities, and/or participating in and/or observing said Izzy's Indy races and/or events.

I hereby assume all responsibility for and risk of bodily injury, death, or property damage due to any act or omission of
Releasees so I, and/or my child/ward, is utilizing race track facilities at Izzy's Indy Derby and/or participating in and/or
observing said Izzy's Indy Derby races and/or events.

I expressly agree that this release, waiver, and indemnity agreement is intended to be as broad and inclusive as
permitted by the laws of the State of West Virginia and that if any portion thereof is held invalid, it is agreed that the
balance shall, notwithstanding, continue in full force and legal effect.

I, being of lawful age, individually and/or as legal parent or guardian, in consideration of, and/or my child/ward, to
utilize the race track facilities at Izzy's Indy Derby and/or participate in and/or observe Izzy's Indy Derby races and/or
events release and forever discharge Releasees, their heirs, administrators, and executors of and from any and every
claim, demand, action, of whatsoever kind or nature, either in law or in equity arising from or by reason of any bodily
injury or personal injuries known or unknown, death, and/or property damage which may occur as a result of my, and/or
my child/ward’s utilization of the race track facilities at Izzy’s Indy Derby and/or any participation in and/or observation of Izzy's Indy Derby races and/or events, or any activity in connection therewith, whether by negligence or not.

I, understand that by signing this agreement and Release I give Discovery World on Market, Izzy's Indy Derby, any
present media or eventgoers permission to take and use images that may depict me, my child/ward in promotional
materials.

______________________________________________ ________________________________
Signature of Parent/Guardian  Date

______________________________________________ ________________________________
Signature of Witness  Date
Izzy's Indy Requirements/Regulations and Pre-Race Inspection Checklist

*Be sure all these items are met before entering Tech Inspection; Tech Inspection will be conducted on the first day of the Event by Staff and is a requirement of all participants and cars prior to ensure safety.*

**Car:**
- Gravity propelled only: no motor, pedals, or other means of propulsion etc.
- 60 inch wheel base (measured from center to center of both front and rear axles)
- 48 inch maximum width (measured from widest element on vehicle)
- Minimum of 3 wheels, but no wheel diameter regulation
- A breaking system is required (a simple lever providing wheel friction is adequate)
- No offensive or sensitive design elements

**Driver(s):**
- Full-face Helmet required
- Waiver signed

**General:**
- Entry Fees paid
- Team walk of the track
- Driver Meeting
- Any Sponsorships reported to Discovery World
IZZY’S INDY CAR REGULATIONS

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Base</td>
<td>60&quot; length from center of wheel to wheel</td>
</tr>
<tr>
<td>Overall Dimension</td>
<td>Longest portions not to exceed 90&quot;</td>
</tr>
<tr>
<td>Overall Dimension</td>
<td>Widest portion not to exceed 48&quot;</td>
</tr>
<tr>
<td>Wheel Count</td>
<td>Minimum of 3</td>
</tr>
<tr>
<td>Other</td>
<td>Gravity propulsion, braking system</td>
</tr>
<tr>
<td></td>
<td>no other design restrictions</td>
</tr>
</tbody>
</table>
Example #1

Scrap Materials

Simple Pivot Point For Steering

Repurposed Bike Wheels
Example #2

Repurposed Wheel Barrow Seat

Simple Brake Lever
Example #3  **Repurposed Barrel**

**Front forks, handlebars, etc. from bike**