

**Waipipi School Trolley Derby**

**Friday 5th April Start 8:45am**

**COMPETITORS:**

1. **All trolleys must be lined up by 8:45am in the Waipipi School parent/visitor car park.**
2. **While the first two events are judged, all trolleys competing in the distance and speed race will receive a quick inspection to ensure that they have no obvious health and safety issues.**
3. **Each trolley needs the child/ren involved to stand alongside and a parent to be with them to answer any questions about their trolley.**

**Please note the specific criteria for trolley design:**

**Trolley Cart Design:**

*(Please follow these rules when designing and building your trolley)*

**Size:** Width is no more than 1.2 m

Length is no more than 2.4m

**Weight:** Must not exceed 30kg

**Seats:** Trolleys can be one- or two-seater

**Wheels:** Each trolley must have a minimum of three wheels.

Pneumatic wheels are the best.

**Brakes:** Each trolley must have a braking system that acts on at least two wheels and provides safe and efficient braking.

For 5–6-year old’s, a runner may run behind the trolley with an extra braking system (rope, bungee)

It is recommended to use “dead man” braking system.

**Steering:** All trolleys are required to have a steering system capable of maneuvering the cart in a safe way. Rope controlled steering is not allowed in this derby.

**Shared Design:** All trolley projects should be a SHARED design and construction project between adults and children.

**Materials:** We encourage the use of recycled materials for the trolley.

Trolley bodies may be constructed from any materials for effect.

**Robustness:** To ensure safety, chassis designs should be strong and safe.

1. **Once the Best Overall Design and Most Creative Design has been judged, competitors competing in the Longest Distance travelled competition will need to get their trolleys up to the top court by the swimming pool. This competition is being held on the school’s entrance path.**
2. **The students will compete in one of three categories:**

**Zoomers:** students aged 5-6 years

**Sprinters:** students aged 7-9 years

**Rockets**: students aged 10-13 years.

***Only one person is allowed in the trolley for the Longest Distance and Speed Competition.***

1. **The longest distance travelled will be measured at the point the trolley comes to a standstill.** Please note: No human intervention is allowed from within or outside the trolley once the trolley has started moving. A stand still push off is allowed from the child’s adult at the start line.
2. **Sprinter and Rocket children competing in the Small Speed competition will then move their trolleys to the grass area outside Room 1.**

**This competition is being held on the cobbled drive beside Room 1 down to the visitor/parent carpark.**

**Parents are allowed to give their child a 2 metre running start but will not be allowed to move beyond the marked line. The child will be timed (stopwatch) from the moment they touch the cobbles to the moment they come to the end of the cobbles.**

**All students competing in the speed event must have sufficient brakes to be able to stop their trolley safely.**

**PLEASE NOTE:**

If more than one child from a family is sharing a trolley the following rules apply:

1. The trolley can compete only once as a **Zoomer**, **Sprinter** or **Rocket** in the Best Overall Design. If you have more than one child competing in each category, they will need to share the prize if first, second or third.
2. If you have more than one child competing per category in the Most Creative Design, they will need to have quick changes of trolley and person costume.
3. If the weather is terrible, the trolley derby will be re-scheduled.
4. The judge’s decision is final.

**Prize-giving:**

Prizes for first, second and third place will be given out after each event has concluded.

**Competitor Clothing for the Long Distance and Speed Competitions:**

* Children must wear appropriate head protection in case the trolley tips over on the concrete.

(At the very least a bicycle helmet)

* Elbow and knee pads,
* Enclosed shoes,
* Long sleeved shirts or jacket
* Long pants. (No skin showing)

Your child will be disqualified if they are not dressed appropriately with the above safety gear.

**CAR PARKING ON THE DAY:**

Due to celebration events happening on the school field, school parking will be available in the paddock beside the exit to Waipipi School car park.

**Alternative parking:**

Park on the edge of the road. Please find a safe park where you will be safe from Creamery Road traffic.

**Student Drop Off- for this day only!**

The entrance and exit will be manned on this day.

You may enter this car park to drop off your child before 8:30am.

At 8:30am all vehicles must be gone from this car park and no further vehicles will be allowed to enter.

**TROLLEY DERBY HEALTH AND SAFETY:**

**For Parents**

Please ensure:

1. That your child’s trolley is safe and suitable for purpose, if competing in the Long Distance and Speed Competitions. Please refer to trolley design specifications.
2. Your child is dressed with safety in mind in case they tip over.
3. Your child has experience maneuvering the trolley before the derby.
4. If competing in the Speed Competition, the trolley will have to have a decent brake system and be able to turn at a higher speed.
5. That each child competitor has an adult with them for all competitions.
6. Your child knows that competing is by choice and that they can pull out at any time.

**Risk Management**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identified Risk** | **Probability**  **Low, medium, high** | **Impact**  **Insignificant, minor, moderate, major, catastrophic** | **Management of risk** |
| Trolley Design | Medium | Moderate | Parents/adults to ensure that the trolley design is suitable for purpose and follows design guidelines.  Trolleys will be inspected before the Longest Distance and Speed Competitions. |
| Child’s ability to control, steer and brake their trolley | Medium | Moderate | Parents/adults to ensure that the driver has experience driving the trolley.  To have tested the brake and steering system at speed before the competition |
| Trolley will tip over or hit a tyre on the course | Medium | Moderate | Competitors to be dressed appropriately with safety gear. As stated.  Competitors to have experience with their trolley before competition day.  Trolley design allows for steering and braking. |
| Competitors will hit archway in the entrance way course | Low | Moderate | Tyres or other soft objects placed in front of pillars. |
| Member of the public will drive into the carpark. | Low | Minor | Barriers and signage preventing cars entering the car park area. |
| The main road is beside the competition area | Low | Minor | Tyres or other objects placed strategically to stop trolleys ending up on the road or hitting the curb. |
| Spectator may walk on the course | Low | Minor | Coned areas will be set up so spectators can view the events safely. |
| Volunteers/assisting parents may get run over by a trolley | Low | Minor | All people to stay off track when it is in use.  Adults to make good decisions |



**Waipipi School Trolley Derby**

**DRIVER CONSENT AND RISK DISCLOSURE FORM**

***Please return this form to the school office as soon as possible. Close off date for entries is Thursday 28th March.***

Driver’s (Child’s) Name ………………………………………………………………………………...............

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*Please circle the category and events your child wishes to enter:*

**Categories Events:**

**Zoomers:** students aged 5-6 years Best Design Overall (150 years)

**Sprinters:** students aged 7-9 years Most Creative Design

**Rockets**: students aged 10-13 years. Longest Distance Competition

Speed Competition

I (parent/guardian) confirm that I wish my child to participate/compete in the Trolley Derby at Waipipi School on Friday 5th April.

***Acknowledgment of Risk***

I have read the information for Waipipi School’s Trolley Derby, and I understand that there are risks associated with involvement in this event and that these risks cannot be completely eliminated. I understand that the organisers will identify any foreseeable risks or hazards and implement correct management procedures to eliminate, isolate or minimise those hazards. I understand my child/ren will be involved in the development of safety procedures once confirmation of entry has been received. I will do my best to ensure that my child follows these procedures.

I know that I can ask any questions of the organisers about the activities my child will be involved in to gain a better understanding of the risks involved. I recognise that participation in such activities is voluntary and not mandatory. My child understands that they may withdraw from the activity if they feel at risk. This must be done in consultation with the person in charge.

I understand that the organisers do not accept responsibility for loss or damage to personal property and that it is my responsibility to check my own insurance policy.

I understand that if my child is involved in a serious disciplinary problem or actions that threaten the safety of themselves/others, s/he will be withdrawn from the event immediately.

I also confirm that I understand the nature of the risks of participating/competing in the Trolley Derby Event specified above and I hereby waive and release any and all claims, rights, causes of action, demands or otherwise, whether for personal injuries, property damage or any loss, damages or expenses which I as a parent/guardian or my child may have against the aforementioned in relation to these events.

Name ............................................................ (parent/guardian)

Signed ………………………………………………..............

Contact Phone ……………………………………………….............. Date: …………………………….