**Reaction Racing**

**Number of Rounds- 1**

**Venue- In front of Amul Parlour**

**Team size - Max 3, Min 2**

**Description:**

"Reaction Racing" is a thrilling and educational game that combines the excitement of   racing with the power of chemical reactions. Participants will design and build miniature cars powered by various chemical reactions, competing to cover the longest distance while ensuring safety.

**Rules:**

Participants will have to bring their own car models, which can be easily made with toy wheels, wooden sticks, an adhesive like fevicol, a tape, a wooden or cardboard pad and a plastic bottle preferably of 1 L capacity.

Participants are advised to bring chemical reactants by themselves. If they fail to do so, we will be providing the necessary chemicals from our side.

Participants can make modifications of their choice, that may help in propelling the cars farther.

Any kind of visual modifications are also allowed as long as they aren't offensive or harmful.

Each participant's car will be placed at the starting line. Upon activating the chemical reaction, the car will move forward, covering distance until the reaction's energy is depleted. The distance covered by the car will be measured and recorded.

Participants will be judged based on two main criteria: safety and distance covered. Cars must not pose any safety risks during the race. The longer the distance covered, the better the chances of winning.

**Round:**

Teams will be put against each other. Two of them will be declared the winners and runner up, based on the longest and second longest distance covered.

**Prizes will be provided to the winner and runner up.**

**Reference Video Link:**

[**https://www.youtube.com/watch?v=brIzBE6bzFc**](https://www.youtube.com/watch?v=brIzBE6bzFc)

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