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Rocket Challenge

Reach for the sky! In this team building activity you will launch your own purpose-built rocket up to 200 feet in the air and land it right on target.





More Info

Are you ready for an unforgettable team-building experience that will take your team to new heights? Introducing the Rocket Challenge – the ultimate event for those who want to reach for the sky!

With the Rocket Challenge, you and your team will have the opportunity to design and launch your very own purpose-built rocket up to 200 feet in the air, and land it right on target. But the fun doesn't stop there – to earn the fuel needed for lift-off, you'll engage in a series of games that require communication, problem-solving, and collaboration.

And the best part? The Rocket Challenge isn't just about the rocket launch. It's also a fantastic way to build effective working relationships, boost morale, and have a great time. With plenty of craic to be had, your team will feel energised and inspired after this thrilling experience.

Event Type	Approach	Duration	Numbers	Location
In Person	Competitive	2-3hrs	10-200	Outdoor



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Questions, tasks and challenges...

Part 1 – The Build

The group will split into teams of approximately 5-8 per team. Each team will be given a working bay where they will find a kit consisting of simple materials that the team will have to construct a water and air propelled rocket capable of flying. The team are given approx. 30 minutes to build their flying machine during which time they will be given a demonstration on how to fly their rocket.

Part 2 – The Tasks

Each team will be given 7-10 tasks and games to complete. Each task will take 8-10mins. Depending on how well the teams do in the tasks they will be awarded points. The number of points will be added onto the score the team achieves in the flying challenge. A selection of team tasks will be available

Sample team tasks

- Skis
- Bricks
- Matches

Part 3 – The Flight

Each team will be given the opportunity to have one test flight where they will be able to work out the ratio of water to compressed air that will be used to fuel the rocket.

Finally, the team will set up their rocket on the launch pad and try and fly it as far as they can by using their pre-determined amount of water and compressed air. The further the rocket flies the more points achieved.

Business Benefits

- Problem Solving
- High Energy
- Interactive
- Team Collaboration



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