
water rocket

rules and regulations

About

Water rocket is a fun activity where participants build rockets from plastic bottles and launch them using water and air pressure.

Safety

Safety is a top priority when launching water rockets. Participants should ensure that they wear appropriate protective gear, such as safety goggles, and that they follow all safety guidelines.

Materials

Water rockets are typically built using plastic bottles and other materials, such as cardboard, tape, and PVC pipes. Participants should use only approved materials and follow the rules set by the competition organizers.

Design

The design of a water rocket is critical to its performance. Participants should ensure that their rockets are aerodynamic, stable, and can withstand the pressure of the launch.

Water and air pressure, Launch area, Timing and Scoring

Water and air pressure: Water rockets are launched using a combination of water and air pressure. Participants should follow the recommended ratios of water and air pressure to achieve the best results.

Launch area: Water rockets should be launched in a designated area that is clear of any obstacles or people. Participants should ensure that they have permission to launch in the designated area and that they follow any rules or guidelines set by the competition organizers.

Timing: Participants should ensure that they launch their rockets within the designated time frame set by the competition organizers.

7. Scoring: In a water rocket competition, rockets are typically scored based on factors such as distance, time in the air, and accuracy of the landing. Participants should familiarize themselves with the scoring system and the judging criteria.