

AERODYNAMICS

Description:

Each two-member team will build one paper airplane to be flown a distance of at least five meters, landing on a predetermined target. Airplanes must be of a folded aerodynamic design. Crumpled wads of paper do not qualify.

Number of Participants: 2

Approximate Time: 30 minutes

The Competition:

1. Two sheets of plain white paper will be supplied for each team along with approximately five centimeters of masking tape and a pair of scissors. Two planes will be constructed.
2. Planes flown in competition must be made on site, during the allotted time, using only the materials provided.
3. Planes will be hand launched from behind a line on the floor at a specified target, on the floor, more than five but less than 12 meters distant.

Scoring:

1. After the flight, the distance will be measured from the center of the target to the nose of the airplane where it first landed. The distance from the target will become the team's score.
2. Each team member will fly one of the two planes once. Team score will be determined by adding the two scores.
3. The lowest score, signifying the closest to the target, will be the winner. In case of a tie, the best single flight will break the tie.

