

# Paper Airplanes

## Description:

Each two-member team will build two paper airplanes, one will be flown down a track, landing as far as possible. Airplanes must be folded into an aerodynamic design. Crumpled wads of paper do not qualify.

## Number of Participants: 2

## Approximate Time: 20 minutes

## The Competition:

1. Two sheets of plain white 8x11 inch paper will be supplied for each team along with approximately five centimeters of masking tape, a ruler, and a pair of scissors. Two planes will be constructed.
2. Planes flown in competition must be made on site, during the allotted 10 minute build time, using only the materials given. During that time, test flights may also be made off of the testing track.
3. Competitors will choose one of the two planes constructed to fly during the official testing. Each team member will compete with that plane. Both members will have their first flight, landing within the track, counted as one of the two official scores. If a first official flight attempt flight lands outside of the track, a failed run, the competitor may try again until they get an official run, landing within the track.
4. Planes will be hand launched from a center point on a starting line and must travel as straight as possible down the 3-meter wide track. Planes landing outside the track will be counted as a failed attempt.

## Scoring:

1. After each official flight, the distance will be measured from the starting point to the nose of the airplane where it first landed. That distance will be the run score.
2. The overall score will be determined by adding the distances of each competitors flight for a total distance score.
3. The highest score, signifying the farthest distance with both flights, will be the winner. In the case of a tie, the best single flight will break the tie.

