

# VISTA VERDE



# Paper Airplane Challenge

Sponsored by Academic  
Enrichment for All (AEFA)  
PTA Advisory Committee

**Wed, November 20,  
2019. Vista Verde MPR  
from 2-4 pm.**

Open event to K-8th grades  
and families.

Contest is held in teams of  
2 or 3 participants (plan  
with a friend or sibling).

Kinder and 1st grades  
students will need to have  
a parent accompany them.



# AERODYNAMICS

## DESCRIPTION:

EACH TWO/THREE MEMBER TEAM WILL BUILD ONE OR TWO PAPER AIRPLANES TO BE FLOWN AT A PREDETERMINED TARGET FOR ACCURACY. AIRPLANES MUST BE OF A FOLDED AERODYNAMIC DESIGN. CRUMPLED WADS OF PAPER DO NOT QUALIFY.

**NUMBER OF PARTICIPANTS:** 2 OR 3 (PER TEAM)

**APPROXIMATE TIME:** 10 MINUTES (TO CREATE/BUILD/CONSTRUCT YOUR PAPER AIRPLANE)

## THE COMPETITION:

1. TWO SHEETS OF PLAIN WHITE PAPER WILL BE SUPPLIED FOR EACH TEAM.
2. THE TEAM MAY BUILD ONE OR TWO PLANES. EACH PLANE CAN BE BUILT USING ONE OR TWO SHEETS OF PAPER.
3. PLANES FLOWN IN COMPETITION MUST BE MADE ON SITE, DURING THE ALLOTTED TIME, USING ONLY THE MATERIALS PROVIDED.
4. PLANES WILL BE HAND LAUNCHED FROM BEHIND A LINE ON THE FLOOR, AT A SPECIFIC TARGET AREA.
5. EACH TEAM WILL BE ALLOWED FOUR TOSSES AND THE BEST OF TWO TOSSES WILL COUNT TOWARDS THE SCORE.

## SCORING:

1. THE DISTANCE WILL BE MEASURED FROM THE CENTER OF THE TARGET TO THE POINT (NOSE) AT WHICH THE AIRPLANE FIRST HIT THE GROUND. THE DISTANCE FROM THE TARGET WILL BECOME THE TEAM'S SCORE.
2. EACH TEAM IS ALLOWED FOUR TOSSES AND THE BETTER OF TWO FLIGHTS WILL BE SCORED.
3. TEAM SCORE WILL BE DETERMINED BY ADDING THE BEST OF TWO SCORES. THE LOWEST SCORE (SIGNIFYING THE CLOSEST TO THE TARGET), WILL BE THE WINNER.
4. QUESTIONS: PLEASE E-MAIL [edgar.martinez1910@me.com](mailto:edgar.martinez1910@me.com)

