





Safe the date, Monday October 31th, 2016.

Solana Highlands Elementary Pumpkin Drops start at 2:50pm

DESIGN GOAL ENGINEER ASAFE LANDING



The goal of the pumpkin drop competition is to design an enclosure or apparatus to protect a pumpkin from damage when dropped from the second floor of the Solana Highlands ampitheater (approximately 2 stories or 30 feet). Entry is free. Winning entries will be chosen based on most innovative design. All surviving pumpkins will receive free coupon for a Rubio's taco and each entry will receive a prize.

Rules:

- o Pumpkin must be at least 8 inches in diameter or larger and must be orange in color.
- o Pumpkin and protective structure weight is limited to 40 pounds.
- o The inside of the pumpkin may not be altered (no freezing, hollowing or adding chemicals).
- o Pumpkin enclosure must free fall (no bungee cords).
- o Pumpkins will be dropped by a CDC Staff nember, all participants and spectators can watch near the drop zone. Drop order will be assigned by choice upon check-in.
- o No hard materials (which include but are not limited to wood, metal, PVC pipe, or glass) is allowed; however, soft garbage cans are acceptable.
- o No liquids are allowed.
- o No Electrical sources are allowed.
- o Package must be designed so that the pumpkin can be removed by the ground crew within 30 seconds after hitting the ground.
- o Protective structure around the pumpkin must be designed so that it does not cause any damage to SOLANA HIGHLANDS elementary property.
- o Any entries that employ a parachute must be designed so that the parachute is dropped at the same time as the pumpkin not prior or after.
- o Please keep the safety of participants & observers in mind at all times.
- o The judges will have final say on whether entries are viewed as safe to be dropped. Judges will disqualify entries with heavy, sharp, or protruding parts. These decisions are final.
- o Someone from the entry team must be present at the pumpkin drop to claim prizes.
- o Materials will not be returned. Items will be disposed of by event staff only. No participants are permitted in the drop zone.