

EGG DROP

Description: Students will construct a device for the Egg Drop Competition. The Device must hold the egg and help it land on the ground from a height safely without breaking the Egg.

Number of Participants: 2

Competition:

1. Students will immediately place their raw egg into a plastic sandwich bag.
2. Students will be provided with scissors.
3. Some possible materials for their designs may be used in limited quantities: cups, masking tape, foam, styrofoam meat trays, rubber bands, paper, straws, and popsicle sticks.
4. Remember to find a balance between light weight and strong in your construction.
5. No air is permitted or any other materials such as wadded up paper in the sandwich bag.
6. Only 20 minutes is permitted for construction.
7. When the device has been constructed, report to the Dropping Area.

Scoring:

1. The height will be measured from the specific starting/dropping point to the ground.
2. If your egg does not break, you may move to the next higher level.
3. Once your egg has been scrambled, cracked, broken, your time is up.

Tie Breaker:

1. Tie breaker will be determined by the weight of the device without the raw egg, the lightest device placing above the others.