

RULE BOOK

7.Humpty Dumpty

TASK:

Participants in the competition typically work individually or in a group of maximum 3 to design and build their egg protection devices using various materials such as cardboard, foam, bubble wrap, straws, balloons, and rubber bands, among others, subject to availability.

Once the designs are complete, the devices will be tested by dropping them from a predetermined height. The devices that successfully protect the egg without it cracking or breaking are considered successful.

DESIGN SPECIFICATIONS:

- The participants should only use the provided materials.
- The time limit for construction is 30 minutes.
- Once the devices are built, they will be tested by dropping from a given height.
- This should be done for 3 different heights (in increasing fashion, e.g. 15ft, 20ft, 25ft).
- In case of tie the winner will be decided on minimum mass criteria.
- If the mass difference is very less than the most compact design (smallest dimensions) will be given privilege.
- Special privilege will be given to unique designs.

❖ JUDGING CRITERIA:

Egg Protection	40
Material Efficiency	20
Design Innovation	15
Structural Integrity	15
Aesthetic & Presentation	10

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