

Hands on PROBLEM: Humpty Dumpty

1. This is a Hands-on problem.
2. This is a two part problem. You will have 7 minutes to build a vehicle in part 1. In part 2, you will have 3 minutes to solve the problem. Questions count against your building time.
3. Points will be awarded on creativity and successful completion of the task. This is a subjective opinion on the part of the judge, and the judges' decision is final.
4. Your team will use the supplies given to build a vehicle. Only those items may be used in the device.
5. Materials: 2 empty pop cans, 2- 8 1/2" x 11" pieces of paper, 2 unsharpened pencils, 8 Popsicle sticks, 3 paper clips, 5 assorted rubber bands, 1- 12" piece of string, 2- 6" pieces of masking tape, 2 plastic spoons, 1 pair of scissors.
6. Your Problem...
Using the materials supplied, create a transportation device that will be used to transport a raw egg a distance of 4 feet. The egg may be touched only when it is being placed in or on the transportation vehicle. Hands or feet may not be used to propel the vehicle while it is transporting the egg.
7. Score: Creativity 1-200 Distance traveled: 25 points per foot up to 4 feet.
Teamwork 1-100 points Cracked egg: minus 20 points Smashed egg:
Unhappy coach and minus 50 points
Reread the problem again before starting

FOR JUDGES ONLY:

They may not kick or throw the vehicle. They must propel the vehicle with the items provided in some way. Creativity is the key to a successful team.

Have fun and be Spontaneous...