

Event #5: A Mountain Man Machine Scoring Guidelines

Material to be provided by Station Master:

Boxes of materials provided by each patrol
Measuring tape
Stopwatches
Dog biscuits

Each competing patrol will bring a box containing the equipment listed below with their name and troop number on it to the camporee. This box of equipment will be turned in Friday night at check-in. The equipment will be returned to them on Saturday when they show up for this event. They must use this equipment to solve a problem. Some of the equipment will be crucial for solving the problem; other items may or may not be useful. Patrols will be scored on teamwork, time, patrol spirit, creativity, and if the problem is solved. The boxes of equipment will be returned to the troop at the end of the day.

Situation: The city of Mousopolis is in trouble once again now that Dogzilla's puppies are free! The Big Cheese and all the other mice must find a new way to keep the puppies away from their precious city and of course the Second Annual Cheese Cook-Off! They decide to create the incredible Dog Bone Slinger to run the pups far, far away from the city. The only problem is that the mice don't know how to build it!

Challenge: Help the mice design the most incredible Dog Bone Slinger. Using the materials below, create a machine that will fling dog bones as far away as possible from the city.

Equipment: 3 rubber bands, 4 pencils, ruler, scissors, paper towel roll, masking tape, small cup, duct tape, paper, cardboard, clothes hanger, plastic spoon

The event judge may award additional points for teamwork, creative solutions, etc. up to a maximum of 50 points

Time to successfully launch a dog biscuit:

0-10 minutes 50 pts

10-13 minutes 40 pts

13-16 minutes 30 pts

16-19 minutes 20 pts

20-23 minutes 10 pts

Over 23 minutes 0 pts

Total points possible: 50 points

Additional points are awarded at the end of the day for the following places based on the distances the biscuits are launched:

1st place 20 pts

2nd place 15 pts

3rd place 10 pts

4th place 5 pts

5th place and lower 0 pts