

# COACHES & OFFICIALS PROBLEM

# HANG 'EM HIGH

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## A. The Problem

Your problem is to design, build, and use a device that will attach three tags to a target.

## B. Limitations

1. The device must:
  - a. be original, however, it may include commercially produced parts.
  - b. be self contained. All components that make the device function must be interconnected.
  - c. fit within a box measuring 36" x 24" x 12" when checked in at the competition site.
  - d. must be powered by only human power. You are allowed to have one person help provide power used to operate the device. They must not help in any other way.
  - e. be safe in its design and the way it operates. If it is judged to pose potential harm to people or the competition site it will be prohibited.
2. The three tags:
  - a. may be anything you choose. However, all three must be recognizably similar in size, shape and appearance.
  - b. must have no dimension longer than 4" at any time. This includes any material that is used to help connect the tag to the target.
  - c. must be transported by only the device. They may not travel through the air. That is, they must be touching the device at all times until it is connected to the target.
  - d. must have your name, state or country, and role at World Finals (e.g. coach, Problem 1 judge).
  - e. must be safe in their design, the way they are transported, and how they are connected to the target. If they are judged to pose potential harm to people or the competition site they will be prohibited.
3. The target:
  - a. will be a bed sheet material.
  - b. may not be rigid over its entire surface.
  - c. must not be damaged by your tag.
  - d. will have two goal lines on it.
  - e. will be no closer than 15 feet. from the device

## C. The Competition

1. Your device and tags will be measured and you will be assigned a number when you register at the competition site. You are not allowed to practice on the competition site.
2. When your number is announced you must bring your device (as it was measured) and tags to the Foul Line. You will be given three minutes to set up your device.
3. After the setup time, a judge will blow a whistle. You will have 90 seconds to place your three tags on the target. Only the tag resting the highest on the target will be scored. However, you will receive a bonus of 2' (.6m) for the other two tags if they are attached to the target.
4. Each round the target will be raised higher. All tags on or between two goal lines will be eligible for advancing to the next round.

## D. Awards

1. Trophies will be awarded for 1st, 2nd, and 3rd place in both divisions.
2. A trophy will be awarded to the person with the most outstanding STYLE. Every contestant is eligible, even





## Coaches Competition Registration Form

Monday, June 2 at Cole Field House

**Coaches & Officials Competition at 8 p.m.** (or immediately after Graduation – participants should report to Cole Field House at 7:45 p.m.)

**Participant's Name and State:**

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**If coach, membership name and number:** \_\_\_\_\_

Return this form by **May 1, 2008** to: Odyssey of the Mind World Finals, c/o  
CCI: 406 Ganttown Road, Sewell, NJ 08080 or fax to: **(856) 256-2798**.

# Hang 'Em High

In order for each coach and official to have a clearer idea of what is expected at the Coaches/Officials problem at World Finals, we have added this list of frequently asked questions.

**Q.** How far is the target from the foul line?

**A.** A minimum of 15 feet (you may move a little behind the line).

**Q.** How high and low are the goals on the target for the first round?

**A.** Bottom line is 8' from the floor, top is 10' floor.

**Q.** How high is the target moved up between rounds?

**A.** To Be Determined

**Q.** Can the coach or the device cross the foul line?

**A.** Device can and will cross the line. No person is allowed to cross the line once a round starts until that round ends and the judges say you may cross the line.

**Q.** Will we have access to our tags after the first round?

**A.** Yes. The judges will remove the tags from the target and competitors may retrieve their tag.

**Q.** If there is a non-target-harming adhesive on the tag will we have access to the tag to check or reapply said adhesive between rounds?

**A.** Yes.

**Q.** Do the rules of outside assistance apply to the coach's competition as they do for the children?

**A.** No. You may get all the help before the competition you want. During the competition only you may use your device.

**Q.** At what point is the tag counted as being attached to the target -- does it have to stay on the whole round?

**A.** The tag must remain on the target until it is measured to be counted for score.