



WORKSHEET 3: TOXIC POPCORN

Background

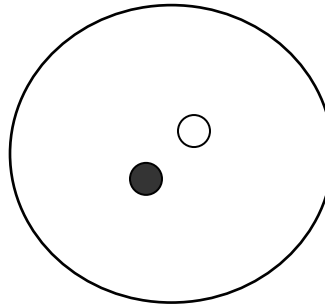
A can of highly toxic popcorn has contaminated a circle approximately 10 feet in diameter. The toxic area makes a cylinder that extends to the ceiling. If the poisonous popcorn is not transferred to a safe container for decontamination, the toxic popcorn will explode and destroy the population of the entire city. You do not have time to contact authorities and evacuate the city. The lives of thousands of people are in your hands, and you must act immediately.

Inside the circle you will find two cans. The unsafe can is about half full of the toxic popcorn. The safe can is to be used to neutralize the toxic popcorn.

Diameter of circle = 10 ft

Safe can ○

Unsafe can ●



Objective

In 30 minutes or less, transfer the toxic popcorn from the unsafe can to the safe can using only the materials provided to you.

Materials (per group of 4-6 students)

- Three pieces of rope (each 7 feet long)
- One bicycle inner tube

Rules

- No participant may cross the plane of the circle with any part of the body. If this occurs, the person must be taken to the hospital immediately and may no longer participate. One member of the group, the designated Emergency Medical Technician (EMT) is responsible for the safety of all members and watches to make certain no one enters the circle. If a member crosses the line, the EMT must remove that member from the group.
- No participant may sacrifice himself or herself to aid in the transfer of popcorn.
- If any popcorn spills, it will explode, and the mission has failed.
- Participants may only use the materials provided. However, they can be used in any way desired.
- The popcorn will not spread its toxicity to the safe can, the ropes, or the tube. The participants have no protection inside the imaginary cylinder created by the 10-foot diameter circle.
- The safe container may move anywhere in or outside of the circle. The unsafe container must stay inside the circle and may not be moved more than one foot from the center of the circle.
- **Remember, the popcorn must be transferred within 30 minutes, or there will be a tremendous disaster.**

TEAM-BUILDING ACTIVITY 2

Toxic Popcorn

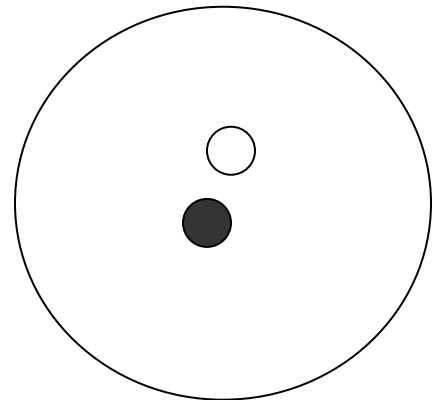
Objective:

Transfer the toxic popcorn from the unsafe can to the safe can, using only the materials provided to you.

Diameter of circle = 10 feet

Safe can ○

Unsafe can ●



Materials:

- Three pieces of rope
- Inner tube

Rules:

See instructions on Worksheet 3.