

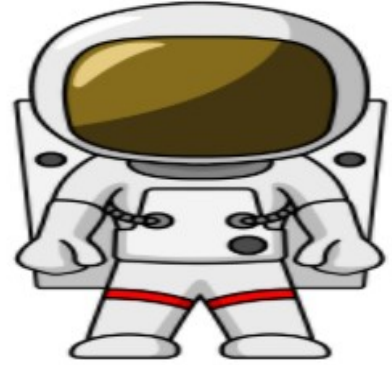
# Save Our Moon Men!

# Rescue the **WHITE** Astronauts

Our Moon Men are in danger. On Moon Base 7, there is a leak in the neutrino reactor and it seriously endangers the lives of our astronauts.

## Objective

Your job is to use materials located on your ship to build a recovery arm that can be used to rescue the men and move them, one at a time, to the designated safe area. Then, if you are able, use the recovery arm to move the damaged neutrino reactor to the white containment vessel. You must act quickly for your mission to be successful!



Teams will alternate one member at a time in rescuing **eight WHITE astronauts** at the moon base and moving them to the designated safe area.

**Points: Each moon man rescued = 5 pts**

The team will need to construct the recovery arm with the following materials found on their spacecraft.

1. (3) 2-meter solar panel extension rods
2. A large 'S' hook
3. Several lengths of cord
4. Safety goggles (slightly damaged)

Construct the recovery arm so that the hook is attached to the cord and hanging down the width of the Boy Scout Handbook, approximately six inches. Above each moon man is a rescue loop. Hook the rescue loop. Your team is assigned to rescue the **WHITE** moon men.

**Rule: You must use the hook to rescue the moon men and to relocate the neutrino reactor to the containment vessel. Don't put the recovery arm's pointy end into the loop—use the hook!** You might poke a moon man in the eye – no poking. **Hook the loop!**

Members of your space patrol will take turns working the recovery arm. Meanwhile, the rest will stand by. The arm operator will wear safety goggles to protect their eyes from the neutrino radiation. The problem is that the goggles have been damaged and offer limited visibility. The team should advise the arm operator on how to operate the recovery arm ("Up, Down, Left, Right, Closer..."). Once an astronaut is rescued and secure in the safe area, the arm operator will be replaced by a new team member. *If recovery arm operator fails to rescue an astronaut in three minutes, they can rotate out and be replaced by a new team member.*

## BONUS!

After you have rescued your moon men successfully, you can move the neutrino reactor to the white containment vessel in the safe area to make the moon base viable once again. If you fail to get the neutrino reactor safely stowed in the containment vessel, you will receive no bonus points.

**Points: Containment vessel properly located = 10 pts**

## BONUS #2!

If your team successfully rescues 8 moon men and relocates the containment vessel to the correct location, and there is still time, you can rescue any other moon man that still needs to be rescued regardless of the color.

**Points: Each additional moon man rescued (any color) = 3 pts**

**Good luck!**