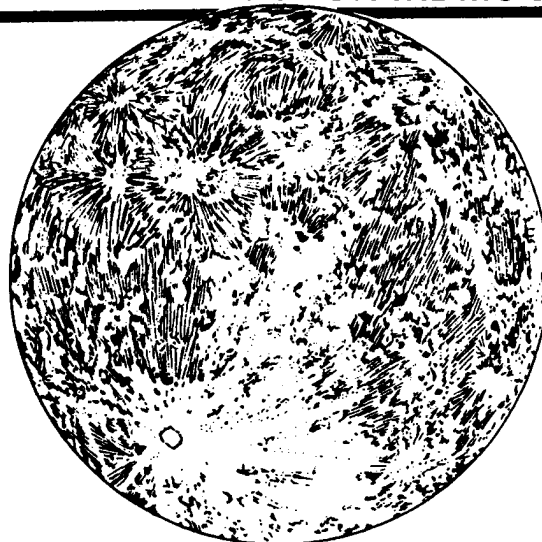




RECYCLED SCIENCE

KEEPING COOL ON THE MOON

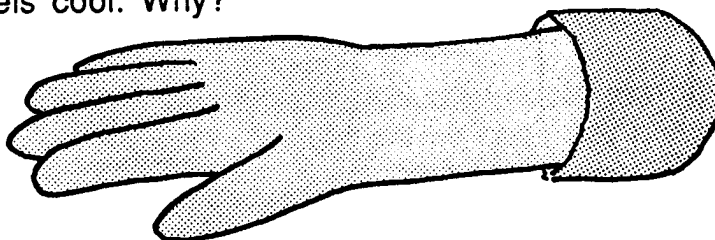
The Moon has no atmosphere. The human body must be surrounded by air. To explore the Moon, astronauts must have a spacesuit that is like a balloon. The suit is inflated with air and does not leak. Even the gloves are pressurized.



Wear a rubber glove for at least five minutes. Keep your hand moving the whole time by picking up objects or just opening and closing your fist.

How does your hand feel after five minutes?
Why?

Take off the rubber glove. Your hand feels cool. Why?



Put a nylon glove on and then add the rubber glove. Exercise the hand again for five minutes. What effect does the nylon glove have? Why?

Astronauts wear nylon gloves under their pressurized gloves when they leave their spacecraft. Astronauts also wear a nylon undergarment with little tubes in it. Cool water is pumped through the tubes. Why is this suit needed?

