

SUNSHINE

DAY CAMP

May Science

Leakproof Bag

Age Range: All Ages

Supplies: Gallon Ziplock bag, sharp pencils, water

Set Up: N/A

Instructions: Fill and seal a Ziplock bag with water. Go outside. Have the children gently stab a sharp pencil through the bag until it pierces both sides. The bag won't leak because the bag is made of polymer which is a long, flexible chain of molecules. When you poke the pencil through the bag, the molecules spread apart and seal themselves around the pencils.





May Science

Grow Lima Beans in a Bag

Age Range: All Ages

Supplies: Dried lima beans, Ziplock bags, paper towels, water in a spray bottle.

Set Up: Before your experiment, soak the lima beans overnight in cold water, this helps start the germination process.

Instructions: Sprouting lima beans in a bag is an exciting experiment that also has the children work on patience as the experiment will not be instant. Lay 4-5 sheets of paper towels on top of each other. Spread 2-3 soaked beans in a single layer on the paper towels. Place another layer of four or five paper towels on top of the lima beans. Spray the paper towels until they are thoroughly damp. Slide the moistened paper towels, with the beans between them, into a Ziplock bag. Seal the bag, leaving some air in the bag. Tape the sealed bag to a window to allow the beans to stay warm and receive sunlight. Check on the beans and spray more water if the towels appear dry. Green shoots should begin sprouting from the roots in a few days' time. To continue growing, transfer the sprout to soil and watch it grow!