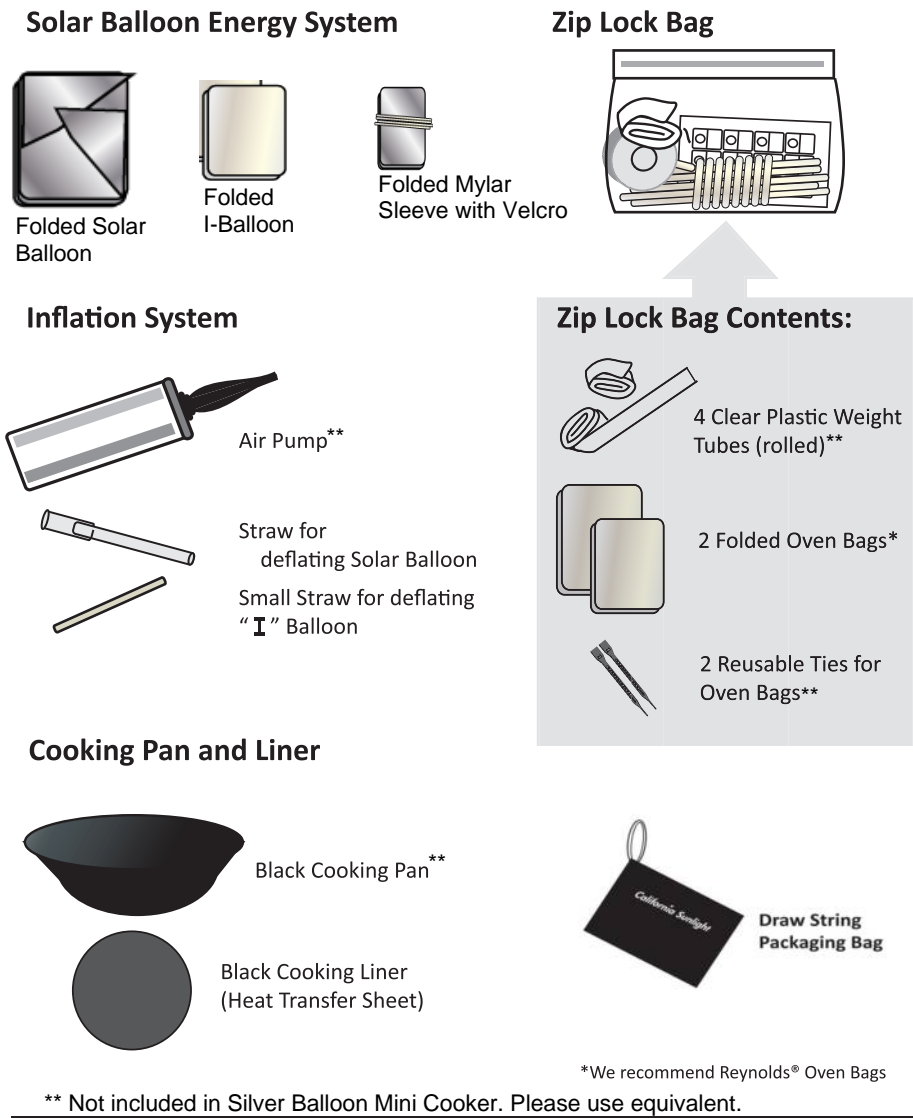


CAUTIONS:

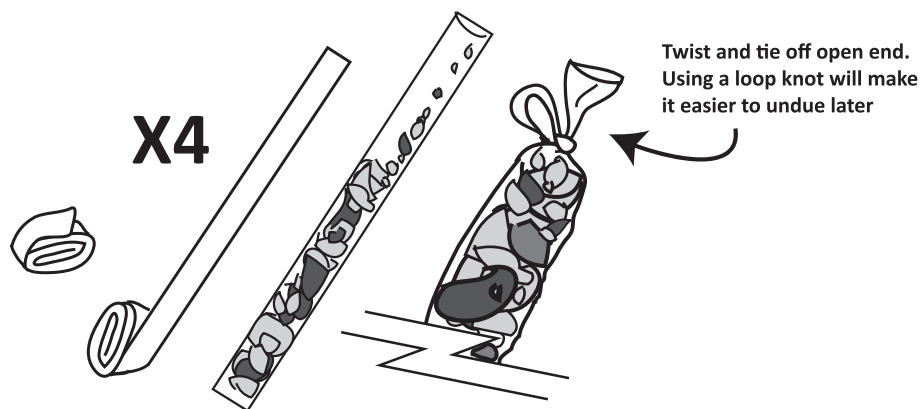
- * BE CAREFUL! The foods and cookware inside the oven bag may be VERY HOT.
- * Avoid hot & high pressure steam. Open oven bag and cookware cautiously.
- * Never leave the cooker unattended - Risk of overcooking or potential fire.
- * The sunlight at the smaller end of the balloon WILL BE INTENSE. Never look into the smaller end without protective eyewear.
- * Only use cookware and containers designed for cooking with heat or flame.
- * DO NOT fill the balloon with anything other than air.
- * DO NOT over inflate the balloon. Fill only to approximately 90% capacity.
- * DO NOT use the balloon to increase solar charging power of PV panels under direct sunlight; it may damage the panel.
- * Always use adequate sun protection for your eyes and on your skin when in direct sunlight. Never look directly into the sun.

PARTS INCLUDED:



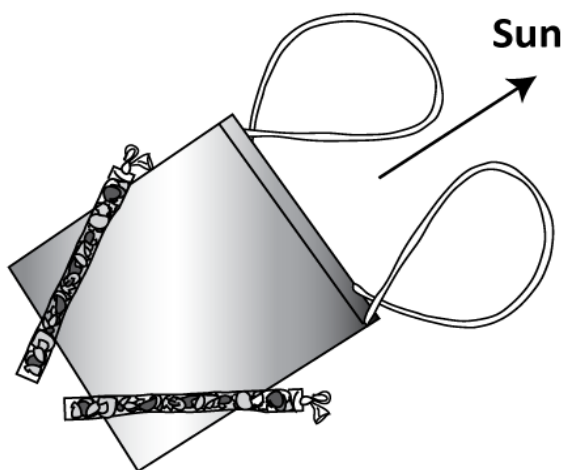
STEP 1 Create the Weights

Find weights, such as rocks, books, or wet towels, to secure the Mylar Sleeve. Alternatively, Fill the four clear plastic Weight Tubes with sand, water or gravel. Leave enough of the tube unfilled in order to twist, tie or tape off.



STEP 2 Secure the Mylar Sleeve

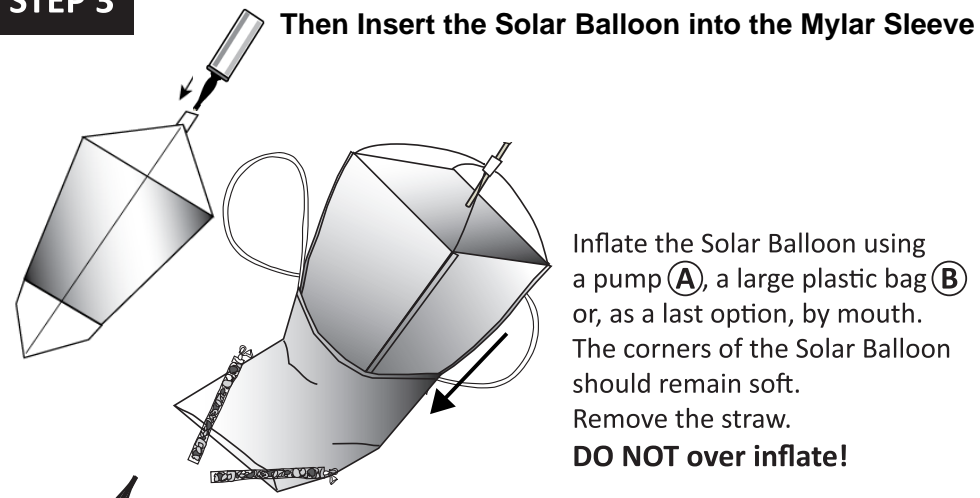
Lay the Mylar Sleeve on the ground with the drawstring loops towards the direction of the sun. Use two of the prepared Weight Tubes to hold in place.



STEP 3

Inflate the Solar Balloon

Then Insert the Solar Balloon into the Mylar Sleeve



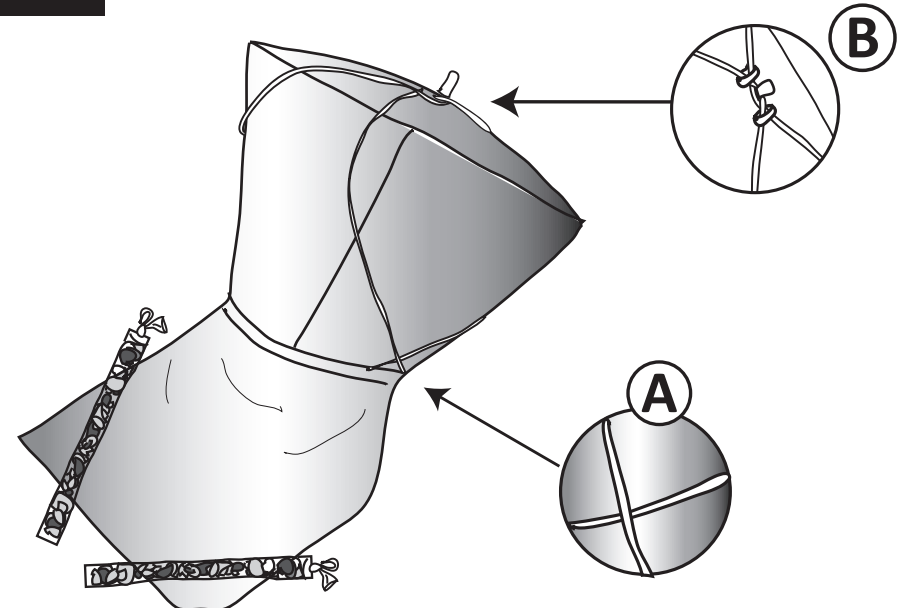
(A) The provided hand pump can inflate the Solar Balloon in under 5 minutes.

(B) Alternately, shake open a large plastic or similar bag - such as a trash bag or stuff sack. Capture as much air as possible in the bag by quickly cinching it off at the opening with your hand. Carefully slide the straw into the inflated bag, and gradually apply pressure to the bag.

Air will transfer from the bag into the Solar Balloon. Inflation time will depend on the size of the bag used. You may need to repeat.

STEP 4

Secure the Solar Balloon



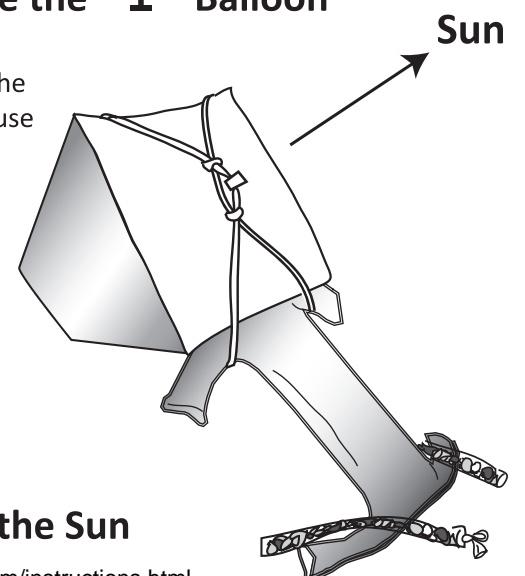
Cross hang the Mylar Sleeve drawstring loops over the Solar Balloon

Take care to crossover the cords where they exit the Mylar Sleeve (A). Bring each drawstring loop across the large end of the Solar Balloon. Pull each cord loop over and around the inflation valve as shown, and secure the two cord loops together using the provided Velcro® straps as indicated in inset (B).

STEP 5

Inflate & Secure the "I" Balloon

Inflate the "I" Balloon by putting the pump tip directly into the valve, or use the small straw and a plastic bag. Make sure to slide two arms of the "I" Balloon through the cords of the Mylar Sleeve as shown. Use the two remaining Weight Tubes at the base. The "I" Balloon is used to both stabilize the Solar Balloon and to position it properly to face the sun.



STEP 6

Adjust to Face the Sun

Please see: www.STEM-Solar.com/instructions.html
Position the large end of the Solar Balloon to face the sun, and adjust the "I" Balloon to maintain the orientation. You should see a bright spot of concentrated sunlight at the small end of the Solar Balloon. The design of the Solar Balloon allows for tolerance, so positioning does not need to be exact.