## INDIANA STATE FAIR AT HOME ACTIVITIES

## Solar Balloon

## **Materials**

- 7 30-Gallon Black Trash Bags
- A large roll of duct tape (preferably black color), or a large roll of clear packaging tape
- Scissors
- A LARGE, dirt free environment without wind
- Something to pump air with adequate volume (like the exhaust port of a shop vac)
- Kite string or yarn
- Two or more hands
- Free Time

## **Directions**

- 1. Use seven garbage bags, to make the body of the balloon
- 2. Cut off the sealed ends of four bags, these are to extend the body of the tube
- 3. Then, lay out four garbage bags out next to each other, including one uncut garbage bag on each end of the four cut bags, on the large, clean surface
- 4. Next, place the garbage bags inside one another, about 1 inch. Make sure that you place the bags inside one another so the air can travel though, without getting stuck in any crevices.
- 5. Tape all the bags together.
- 6. Now it is time to blow it up, with an air pump or vacuum.
- 7. Make a small slit in one end and begin blowing up.
- 8. Use duct tape to close hole.
- 9. Gather a corner and tie string to the balloon so that it doesn't blow away.

