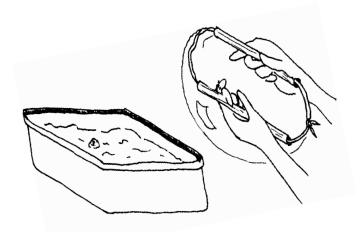


# **Backyard and Beyond**

## **Giant Bubbles**

#### What you need:

- 2 drinking straws
- 4 feet of cotton string
- 1/4 cup liquid dishwashing soap (Dawn or Joy works best)
- a bucket with 1 gallon of water
- a shallow container large enough for the straws to lay covered in the bottom.



#### What you do:

- Mix the soap and water in the bucket and pour the solution into the shallow pan to a depth of 1/2". Mix slowly to avoid foaming.
- 2. Thread the string through both straws and tie the ends of the string together.
- 3. Holding the two straws together, dip the bubble blower in the bubble solution and remove it.
- 4. Slowly pull the straws apart. Do you see the bubble window?
- 5. Pull the bubble window through the air to make a giant bubble. To release the bubble from the straws, gently draw the straws together as the bubble forms.

### Things to try:

- Can you put your finger through the bubble window? (HINT: Wet your finger!)
- Make a prediction about how long your giant bubble will last. 10 seconds? 2 minutes? 1 hour?
- Can you make bubble "wands" with things you find around the house, such as a funnel, slotted spoon, or plastic berry basket?