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## SKEWER A BALLOON

### Ingredients

- Balloon
- Skewer
- Cooking Oil

### Science Terms

- **Polymer** – A chemical compound made by linking smaller molecules in a long, repeating chain.
- **Molecule** – Two or more atoms chemically bonded together.

### Instructions

**STEP 1:** Blow up the balloon, let some air out, and then tie a knot at the end to hold the air inside the balloon.

**STEP 2:** Dip the tip of the skewer into the cooking oil.

**STEP 3:** Gently twist the skewer into the thick end of the balloon, opposite the knot. Continue to slowly push the skewer through the balloon until you push the skewer through the thick part near the knotted end of the balloon and stop.



### Explanation

The balloon is made up of polymers. These polymer strands seal up around the skewer, keeping the air from escaping. Once you pull the skewer out of the balloon, the air rushes out.

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