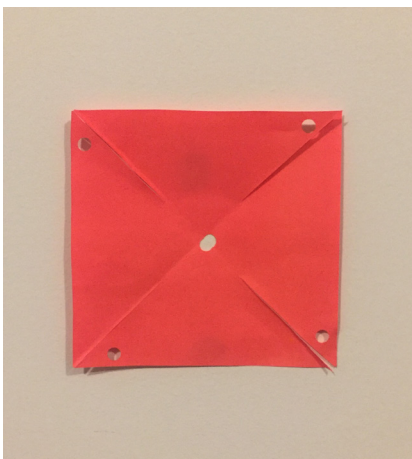


Balloon Car Design Challenge 1

Pinwheel Instructions

Note to Volunteers: Prior to the meeting, make: 1) a sample pinwheel and 2) a sample of how the paper looks through Step 3 for girls to reverse engineering in As Girls Arrive: Airpower.

1. Take a square piece of paper and fold it in half, diagonally, both ways.
2. Use scissors to cut down each fold from the corner about 2/3rds of the way to the center. Do that for all four corners.
3. Using the hole punch, put a hole in the center of the paper and in one outer corner of each of the triangles created by cutting down toward the center.
4. Fold each of the corners with holes down toward the center so that the corner holes line up with the center hole, gluing them down as you go.
5. Put the pushpin or thumbtack through the hole in the center of the pinwheel.
6. Carefully push the pin or thumbtack into the eraser of the pencil.



Paper after Step 3



Pinwheel