**Windmills**

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**Supplies:**

* **Computer paper**
* **Pencil with eraser, unsharpened**
* **Straight pin with ball top**
* **Optional: Small bead, glue**
* **Scissors**
* **Ruler**
* **Pencil**

**Directions:**

1. **Gather the materials needed for making a pinwheel. If you are doing this project with a group of children, pre-cut the 6" (15 cm) paper squares.**
2. **Cut a 6" (15 cm) square of paper that has been printed with one of Aunt Annie's**[**Red and Blue Star ePapers**](https://www.auntannie.com/downloads.html#stars)**. Tip: Two-sided pinwheels can be made by gluing two printed squares back-to-back, or by printing on both sides of heavy paper (24- or 32-pound).**
3. **Use the pencil and ruler to draw two diagonal lines, corner-to-corner, that cross at the square's center. Mark the center point and mark a point 2¾" (7 cm) from each corner on the diagonal line. Cut on the diagonal line from each corner up to the marked point. Erase pencil marks, except for the center point**
4. **Using the straight pin, punch a hole in the center and at every other point (about ¼" from the tip.)**
5. **Poke the pin through one of the point holes and curl the point toward the center. Don't fold!**
6. **Curl each pierced point, in turn, toward the center and poke the pin through the holes.**
7. **Push the pin through the center hole of the pinwheel.**
8. **Holding the pencil on a flat surface with one hand, push the pin into the side of the eraser.**
9. **You now have a pinwheel! Hold the pinwheel in your hand and swish it around. The pinwheel should rotate on the pin. Take the pinwheel outside on a breezy day and see it whirl like crazy!**

**Tip: If your pinwheel doesn't rotate freely, it is probably rubbing against the pencil. You can fix this problem by inserting the pin into the eraser at a slight upward angle, or by slipping a small bead onto the pin before inserting it into the eraser.**