

# Pinwheel Pattern

## Materials

- pencils or single hole punch
- rubber bands
- scissors
- small paper cups
- string
- straws

## Procedures

1. Use pencils or a single hole punch to punch a hole through the center circle and then punch a hole in each corner circle.
2. Cut out the pattern, cutting only on the solid lines and making sure not to cut the center hole.
3. Insert a straw through the center hole.
4. Fold each corner along the dotted line and insert the straw through each corner hole.
5. Wrap rubber bands around the straw on either side of the windmill to keep the windmill in place in the center of the straw.
6. Punch two holes on either side of a small paper cup. Thread one end of the string through both holes and tie it to the middle of the string. Tie the other end of the string to one end of the straw.
7. Hold the straw with both hands with the windmill in the center. Blow on the windmill. As the windmill turns, the straw rotates, winding the string and lifting the cup. For best results, the windmill and straw should move together.

# Windmill Pattern

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Cut on the solid lines, being careful not to cut the center circle. Poke holes in the circles with a sharp pencil or hole punch.

