Simple Tornado

Step-by-Step Photo Guide

Detailed Worksheet

View One Minute Video at: http://www.youtube.com/watch?v=pYAMusxGiEk
Two 1-Litre Water Bottles

- Strong Glue
- Adhesive Tape
- Scissors

Make a hole in the lid. Fill water.
Even on inverting, the bottle of water does not fall.

Hold the neck and bottom of bottle and rotate it fast so that the water swirls.
As the water empties a nice vortex "tornado" can be seen.
VARIATION

1. Two bottle caps back-to-back

2. Stick with strong glue

3. Secure with TAPE

4. Make round hole with scissors

Hole 10-mm wide

Fill one bottle with water. Attach lids with holes.
Swirl the assembly and invert to see a wonderful TORNADO
Screw this double lid to a 2-liter bottle filled with water. Screw an empty 2-liter bottle on top. Invert the bottles and shake them. Water will start swirling in the top bottle like a tornado. Ensure there is no leakage of water. Make neat round holes in two bottle lids with a scissors. Tape these lids back-to-back.