

A stylized illustration of a tornado, showing a wide, swirling cloud at the top that tapers into a narrow, dark funnel at the bottom. The colors range from light blue and grey at the top to dark grey and black at the bottom, with white lines indicating the swirling motion.

### A VORTEX IN A JAR

The vortex that is a tornado begins high in the air and its funnel moves downwards as fast, spiraling winds around a calm center. Any liquid that turns quickly will form a simple vortex.

#### **You will need:**

- eye dropper
- food coloring
- spoon
- tall jar
- water

1. Fill the jar almost to the brim with cold water. Stir the water, keeping the spoon near the top. Make the water spin as fast as possible.

2. Now watch for the vortex to appear. Add a few drops of food coloring to the water to highlight the shape of the vortex.