

CREATE A TORNADO IN A JAR

Supplies:

- Glass or plastic jar with a lid
- Liquid soap
- Vinegar
- Water

Before You Begin...

Ask your child if they know what a tornado is. If they need help, explain that a tornado is a violent, rotating column of air that forms under the right weather conditions. When a tornado forms, it creates a vortex which is a spinning, often turbulent flow of air. We can create our own vortex by swirling the contents of the jar to observe the motion of a tornado.

Directions:

1. Have your child fill a jar almost to the rim with cold water.
2. Add a few squirts of clear liquid soap to the jar of water.
3. Put about a capful of vinegar in the jar as well.
4. Make sure your child puts the lid back on the jar tightly. Now they can shake and then swirl the jar to form a tornado!

Source: PBS Kids for parents (<https://www.pbs.org/parents/crafts-and-experiments/create-a-tornado-in-a-jar>)



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