

Usually the weather is sunny, cloudy, rainy or even snowy. Sometimes, though, nature puts on a dramatic show with amazing and scary things like tornados. Here's your chance to do a weather experiment of your own!

TORNADOES:

A tornado is a violent rotating column of air extending from a thunderstorm to the ground. Tornadoes form as winds change direction during a storm. As warm air rises up from the ground they are met by colder streams of air moving downwards from the clouds.

MAKE A TORNADO

Materials:

- Water
- Two 1½ -2 L bottles
- Cardboard
- Scissors
- Tape



Instructions

1. Fill one bottle 3/4 full with water. You can also use food colouring and glitter (to represent flying debris).
2. Cut a circle of cardboard as big around as the bottle's opening.
3. Cut a ½ centimetre hole in the centre.
4. Place the cardboard circle on top of your water bottle's opening.
5. Put the other empty bottle on top of the first bottle. Making sure both openings are together.
6. Wrap tape around the bottle necks to make sure they stay together and do not leak.
7. Hold the bottles so that the bottle with water is upside down on top.
8. Hold the bottom bottle to steady it. With the other hand, begin moving the top bottle in a circle.
9. Watch what happens!

