**Make a Tornado in a Bottle**

**What you'll need:**

* Water
* A clear plastic bottle with a cap (that won't leak)
* Glitter
* Dish washing liquid

**Instructions:**

1. Fill the plastic bottle with water until it reaches around three quarters full.
2. Add a few drops of washing up liquid.
3. Sprinkle in a few pinches of glitter (this will make your tornado easier to see). *If you don’t have glitter, you can still try the experiment without it.*
4. Put the cap on tightly.
5. Turn the bottle upside down and hold it by the neck. Quickly spin the bottle in a circular motion for a few seconds, stop and look inside to see if you can see a mini tornado forming in the water. You might need to try it a few times before you get it working properly.

**What's happening?**

Spinning the bottle in a circular motion creates a water vortex that looks like a mini tornado. Vortexes are found in nature and include tornadoes, hurricanes and waterspouts (a tornado that forms over water).

Now, write on the website what you saw and what you thought about the experiment. You could also write a comment about Science week and what you liked the best. What did you learn? Alternatively you could write this on a piece of paper or produce a presentation.