Eye of a Hurricane

A hurricane is a violent storm that starts in tropical waters. In the middle of the swirling winds of a hurricane there is the calm “eye.”

**What to do:** Whirl the yo-yo around your head.
**What happens:** The yo-yo seems to try to pull away from your hand holding its string. The faster you whirl it, the stronger the pull.
**Why:** The explanation is centrifugal force, the force that pulls an object outward when it is moving in a circle.

In the same way, the winds of a hurricane tend to pull away from the center as their speed increases. When the winds move fast enough, a hole develops in the center—the mark of a full-fledged hurricane.

YOU NEED

- Yo yo or mid-sized round fruit such as an orange or apple
- 4 feet of string