

# Nut in a Balloon

## To do and notice:

Put a small hex nut inside of a balloon.  
Blow up the balloon. Have someone help you to tie the balloon.

**BE CAREFUL NOT TO SWALLOW THE NUT.**

Grip the balloon at the tied end and begin spinning the balloon in a circular motion.

What's that Sound?

It's the nutty balloon!

## What's going on?

The sound is made by the sides of the hex nut vibrating against the inside wall of the balloon.  
Spin it faster and slower and listen to the changing sound!

Explore with different size balloons or with different nuts, pennies, etc.