

SCREAMING BALLOON

You'll just have to hear the sound for yourself to understand why we've nicknamed this activity "The World's Most Annoying Science Experiment." It's become a Halloween favorite - just like that motorcycle dude at the circus. Everyone's reaction is the same, "that's amazing!"

Directions: Before you blow up the balloon, squeeze the nut inside the balloon. Then, blow up the balloon and tie off the end. With your whole hand firmly holding the top of the balloon, swirl it around and around. The nut should start to spin around inside the balloon.

Stop and listen!



What's happening?

The spooky sound is made when the sides of the hex nut scrape quickly around the inside of the balloon. This makes the balloon and hex nut vibrate, and this vibration is sound that travels through the air to your ears.

The hex nut will continue to move at the same speed and in the same direction until the force of friction slows it down. In science, this is known as inertia!

INTERESTED IN JOINING GIRL SCOUTS?

Please visit gsewni.org or facebook.com/girlscouting.

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The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.

77% of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).



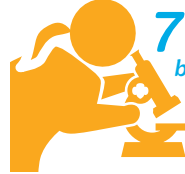
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