

Pepper Dancers

*A really loud sound
can be more powerful
than you think!*

Do you think we can move something without using our hands or feet? Let's make pepper dance on the drum with some loud music!

Things You Need

A plastic or paper cup, sandwich bag, scissors, rubber band, pepper, pot with lid



Steps

1. Cut the sandwich bag open and stretch it tight over the top of the cup.
2. Secure it with the rubber band.
3. Grind or sprinkle some pepper on top of the plastic cover of the cup.
4. Make some loud music crashing the pot lid on the pot, just like cymbals! Be careful not to touch the cup.
5. Watch how the pepper jump and dance on the cup!

Takeaway

A really loud sound can be powerful enough to move something! When you hear a really loud sound, you can actually ‘feel’ the sound it makes. Scientists have been able to use the power of sound to levitate small items including insects or fish for decades.

