

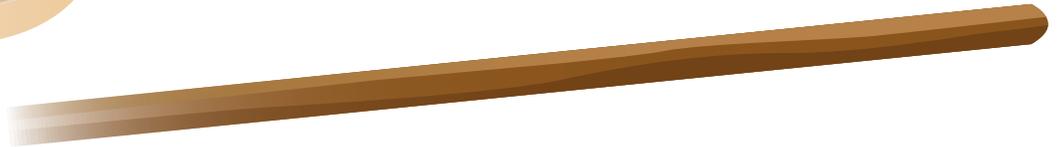
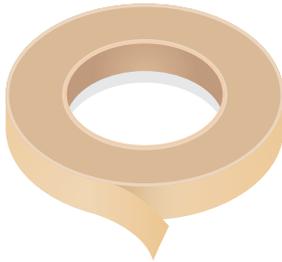


HEAR LIKE A LYNX!

Lynx have exceptional hearing. Learn more about how to harness the properties of sound with this experiment – tufted lynx ears not required!

MATERIALS:

- Newspaper, at least 3 sheets
- Scissors
- Masking tape
- Broomstick
- Surface like a wall
- An object that makes noise, like a clock or music player



HOW TO DO IT:

1. Create two tubes with your newspaper. Wrap a few sheets of newspaper around the broomstick and tape the paper together. If your tube doesn't feel sturdy enough, add additional sheets of newspaper.
2. Cut your tubes to a length that is easy for you to hold.
3. Now, find a friend or a parent. One person should hold their tube up to their ear next to a wall at an angle. The other person will hold their tube up in the same way, but instead of putting it to their ear, they will hold up an object that makes a quiet sound so that the sound travels through the tube.
4. The person listening should cover their other ear to hear the sounds. Experiment with the angles of the tubes until you can hear the object!
5. This experiment works because sound travels in waves, moving through and bouncing off of surfaces. As sound waves travel through a lynx's habitat, they move through air and even bounce off of trees. The tufts of hair on lynx ears may enhance their already keen sense of hearing.