

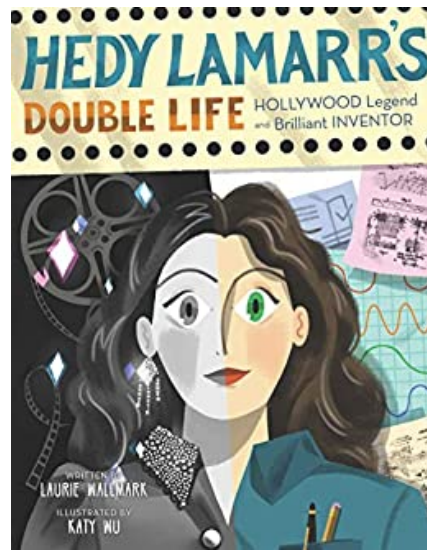
LIVE

from the

OPERA HOUSE

it's

Storytime



HEDY LAMARR'S DOUBLE LIFE: HOLLYWOOD LEGEND AND BRILLIANT INVENTOR, BY LAURIE WALLMARK



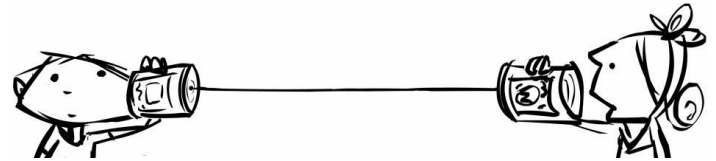
Activity 1: Build a Telephone

Materials:

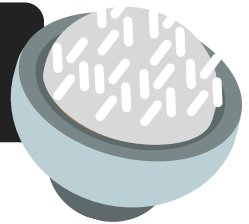
- (2) used, open-ended and clean tin cans
- A length of string
- A nail
- A hammer

Instructions:

Get an adult's help to make a hole in the bottom of each can with the nail and hammer. Thread the end of the string through the hole and tie a knot on the inside to keep it from slipping. Repeat with the other can and the other end of the string. When you talk into it, your voice will vibrate the string and the sound will travel to the other can.



In last week's episode, we learned that everything we HEAR is created by a vibration. This week, we will make more sound waves and SEE their effect!



Activity 2: See Sound

Materials:

- A Big Bowl
- Plastic Wrap
- Uncooked Rice
- A Metal Pan
- A Metal Spoon

Instructions:

Put a piece of plastic wrap tightly over the bowl. Put 1 teaspoon of rice on the plastic. Have an adult hold the metal pan close to the bowl while you hit it with the spoon, like a drum. The pan will vibrate, making the air around it vibrate, too. Vibrating air is called a sound wave. The sound waves will travel to the plastic wrap and make it vibrate. What happens to the rice when the plastic wrap vibrates? What happens if you hit the pan harder or more gently? **See more sound waves by clicking [here](#).**