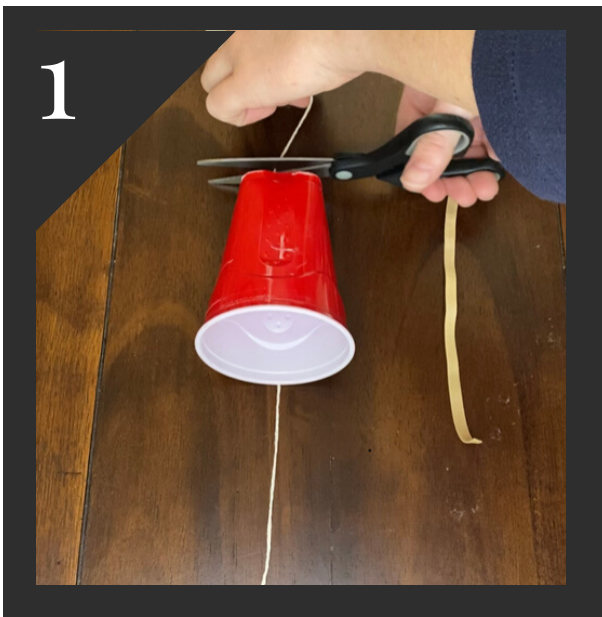


HOW TO MAKE:

# A CROAKING FROG CUP

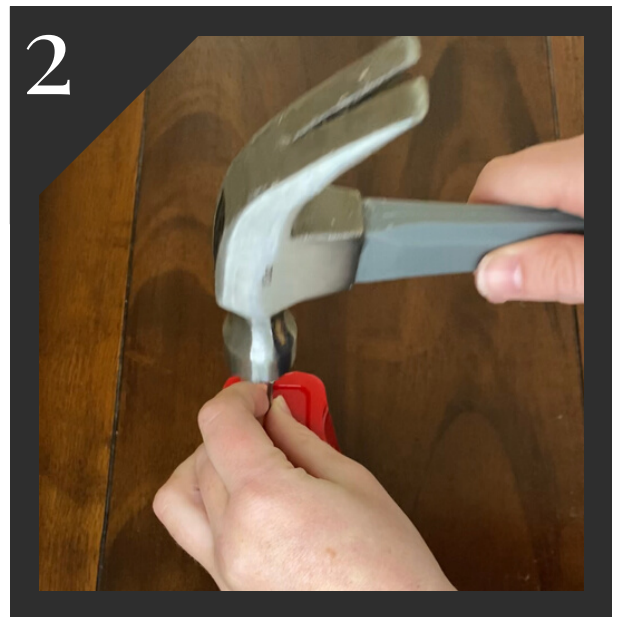
**MATERIALS NEEDED:**

- PLASTIC CUP
- STRING OR RUBBER BAND
- PAPERCLIP



## 1 Cut String

Cut the string or rubber band so that it is longer than the cup.



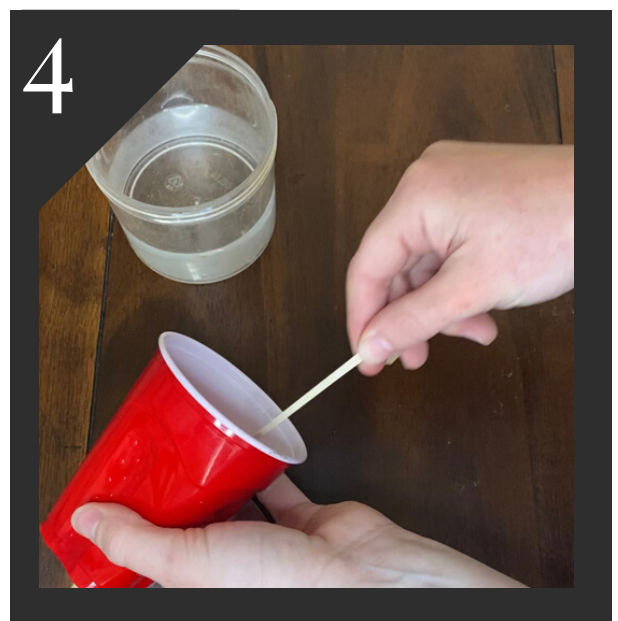
## 2 Poke hole in cup

Poke a hole in the bottom of the cup.



## 3 Pull String through cup

Pull the string through the cup and secure the end with a paperclip.



## 4 Play!

To play wet your finger and pull on the string several times.

## FROGGY TALK

Frogs communicate with their croaks. Usually only the males can croak, they do this to attract females or to ward off rival males.

Frogs and toads have a special vocal sac that allows them to croak. To start calling a frog breathes in and closes its nostrils. This trapped air moves across the vocal cords causing them to vibrate. Its like playing a really weird flute inside your body!

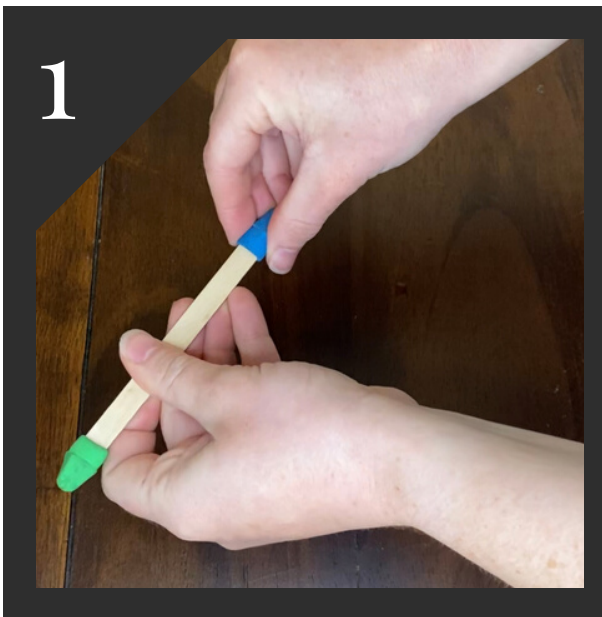
Make a special trip to a wet area in the morning or early evening to see if you can hear some froggy talk!

HOW TO MAKE:

# A BUZZING BEE NOISEMAKER

## MATERIALS NEEDED:

- POPSICLE STICK
- WIDE RUBBER BAND
- INDEX CARDS/ CARDSTOCK
- TWO CAP ERASERS
- STAPLER
- STRING



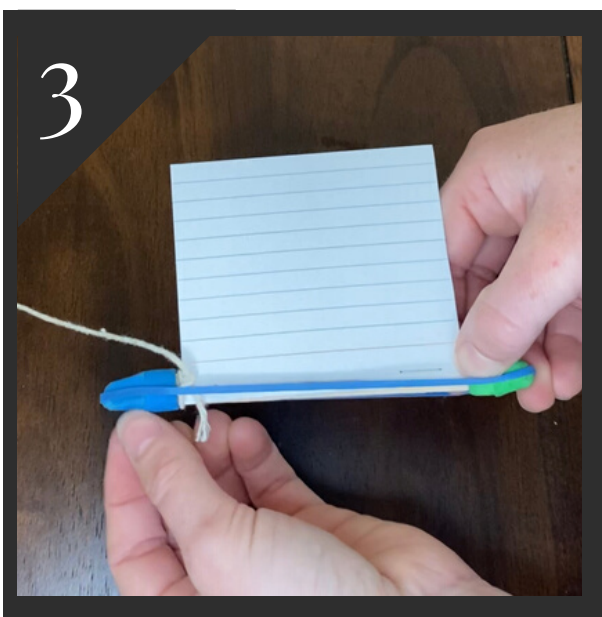
### 1 Erasers

place the two cap erasers on either end of the popsicle stick.



### 2 Index card

Trim index cards to fit and staple the cards to the popsicle stick. (You may need to add extra cards for more weight)



### 3 String and Rubber band

Cut about two feet of string and tie on one end of the stick. Then pull the rubber band around the erasers and the stick.



### 4 Play!

Make sure the area is clear. Then hold the end of the string and swing it in a circle.

## The Buzz

The buzz of a bee is caused by rapid wing beats which causes vibrations in the air that humans hear as buzzing. When you are swinging your buzzer around, the moving air is making the rubber band vibrate and the index card is making the sound louder. Play around with the rubber band and index card to see if you can change the sound.

The buzzing isn't meant to scare us, it actually does a very important job.

Bumblebees are "buzz-pollinating", which means when they land on a flower their buzz vibrates and shakes the pollen off the flower and onto the bee. This form of pollination is how a lot of our fruits and vegetables grow. So next time you're hungry, thank a bee!