

LOOK KOOL ACTIVITY: Ex-straw-dinary flute



WHAT IS THIS?:

Pan flutes are musical instruments created from pipes of increasing length. Create your own version with drinking straws.

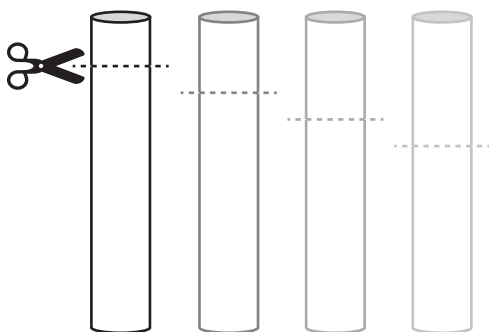


WHAT YOU'LL NEED:

- 8 drinking straws
- Ruler
- Scissors
- Tape



WHAT YOU DO:

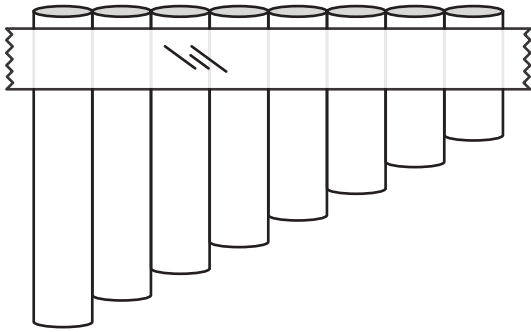


STEP ONE:

Start by cutting your first straw at 20cm. Then the next straw will be cut 2cm shorter, at 18cm. Cut each straw 2cm shorter than the last until you have cut them all.

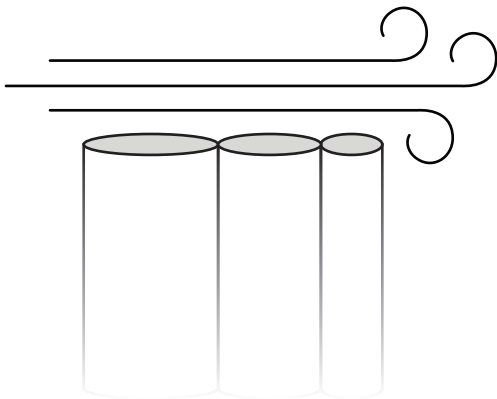


Ex-straw-dinary flute



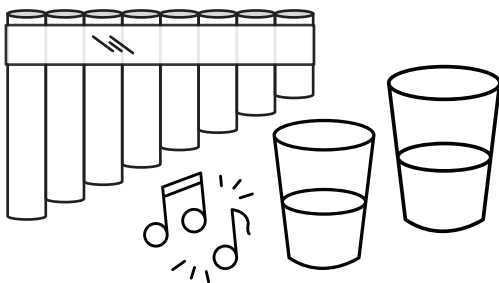
STEP TWO:

Keeping them even across the top, tape them together in order of length, from longest to shortest in the pan flute formation.



STEP THREE:

Blow across their tops. The sound is made by the vibration of the air that is being blown across the open hole. How do the sounds differ depending on the length of the straw? Try using drinking straws of different diameters. How does that affect the sound?



STEP FOUR:

Combine this with the glass-ical music activity and make your own band!

