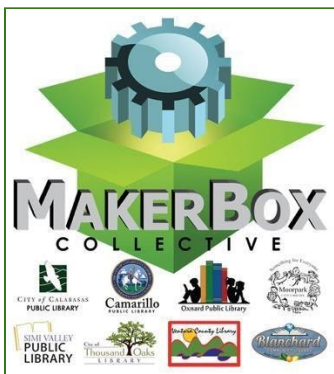


Straw Pan Flute

Hands on Science at Home
Issue 3



MATERIALS

Straws, Scissors, Tape or Elmer's Glue

STEPS

1. Use the scissors to cut the straws so they are all different lengths.
2. Place the straws together from longest to shortest.
3. Use the tape or glue to hold the straws together.
4. Blow across the top of the straws while moving the pan flute back and forth. Listen to the different sounds it makes.

TAKEAWAY

Sound is produced by the **vibration of an air** stream blowing across an open hole at the end of the tube. The air moves through the straw, vibrating along the way and out to the end.

The lengths of the straws determine the different sounds that are created.