

# Buzzing Horn

## Gather:

1. 20-ounce (591 milliliter) soda bottle



2. Paper towel tube



3. Marker



4. Sharp heavy-duty scissors



5. Tape

## Build:

Mouthpiece:

1. Insert the neck of the bottle into the tube.
2. Trace around the tube with the marker onto the bottle.
3. Cut neatly along the marked line on the bottle with an adult's help.



Bell:

1. Draw a line around the bottle, about three inches (7.62 centimeters) from the cut edge.
2. Cut along the line carefully with an adult's help.



## Assemble:

1. Tape the mouthpiece onto the tube's opening.
2. Tape the bell's small end to the tube's other end.

## Play:

1. Blow into the mouthpiece while buzzing your lips.
2. Change your buzzing by using loose, tight, and tighter lips.



## Observe:

How did the sound change when you buzzed your lips differently?