

# The STRAW FLUTE



PROFESSOR PETE'S intro...

## Background Information:

Perfect for younger children, the following sound waves experiment not only involves creating a fun musical instrument your pupils can play with but teaches kids how length can affect the pitch of sound waves.



## Step 1: Collect your equipment...

- At least 9 or 10 straws, more if desired!
- Scissors
- Clear Sellotape

## Step 2:

- Take the straws and line them up side-by-side and cut them at an angle at the top.

## Step 3:

- Tape the straws together to make a pan flute.

## Step 4:

- Instruct your pupils to blow through the straws. Which straws make higher and lower pitches? Why?

## PROFESSOR PETE SAYS...

Feel free to use more straws and experiment with different lengths to produce different pitches and sounds! Ask your pupils to explain what happens to the sound the shorter a straw is cut, and create double pan flutes to make harmonies to further explore how length alters the pitch.

