

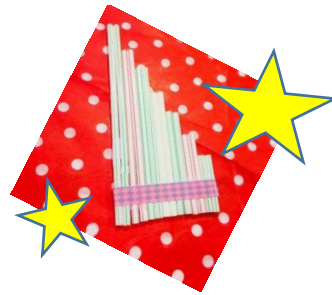
# DIY Instruments @



Let me begin by saying how very excited I am to be welcoming you to our Music Department in September! You may already play an instrument, have experience of performing in a choir or simply look forward to having an opportunity to explore musical opportunities at secondary school. Everyone is very welcome!

As we continue to develop and grow our music department, I'm always on the hunt for new instruments to develop our school orchestra....this is where you and your family come in!

## The Task:



*Harmonicas are fascinating, with their petite size and distinct sound, but how do they work?*

I thought it would be exciting challenge for you and for members of your family to, should they wish, to each build a 'Straw Harmonica'. If you take a look at the inside of a harmonica, you will see that thin strips of brass—all different lengths—vibrate when you breathe into the harp.

## What will I need?:

- A number of drinking straws...I suggest 8 or 10
- Sticky Tape
- Scissors
- Ruler
- Pen/Pencil



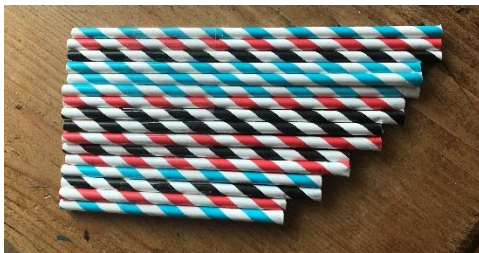
## Step 1:



Cut a long strip of sticky tape and put the straws on the sticky side.

## Step 2:

Secure well with more sticky tape so that the straws will not move around. Carefully, cut your straws in groups of 2, beginning with short (higher pitched) through to full length straws.



## Step 3:

If you have coloured sticker paper, you may choose to decorate your instrument. I chose to use coloured straws in this example.

## Step 4:

Your attempts to extract a harmonious sound may now begin!

Enjoy Everyone and can't wait to



meet you soon!

