

## WORKSHOP 2 PLAYING WITH SOUND



HI all! Welcome to our second home session this spring - our topic today is **SOUND**!

We'll be listening in and making sounds, but first you need some tools and instruments.

For a listening tool, we will be making a simple 'sound amplifier' out of a used milk bottle. You could use also a toilet roll, paper scroll... anything that makes a conical shape, but if you have a milk bottle, it works great - as it even has a handle! :)

Here's how:



**...just** cut the bottom of the jug out! You can save it for later, we can use it for one of the later sessions. It would even make a great soap dish!

**Next**, you can use felt tip pens or crayons to decorate your tool (or even your new soap dish, if you want!)



NOW that we have our tools - it's time to go **SOUND HUNTING!**

Did you have a chance to listen to our mystery house sounds on <https://2020artworkshops.tumblr.com>? No matter if not - our houses are full of interesting sounds, you just have to find them!

With your new tool you can listen **VERY CLOSELY** to lots of sounds - anything around you!

Does your fridge make a sound? Your radioator? Running water?  
Which sounds come from outside, which ones from inside the house?

CAN YOU FIND

**5 different sounds**

in your house?

Write them down here:



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

**DID YOU  
KNOW?**

DID YOU KNOW that **SOUND** is actually waves in the air, a series of ripples that carry over the distance from the source of the sound all the way into your ear.

The rhythms in these waves make up the different sounds that we hear. Our ears have a delicate instrument inside them - the **EARDRUM** - that registers the ripples. These then turn into all the beautiful and crazy sounds that we hear!

AMAZING  
FACTS!

Let's take care of our amazing ears!



NEXT WE WILL BE **MAKING SOUNDS** WITH A



PAPER instrument



DID YOU know that even a simple piece of paper makes a brilliant **INSTRUMENT**?

### Here's how:

take a single sheet of paper and experiment with different sounds you can make with it by:

ripping,

flipping,

stroking,

dangling,

crumpling,..

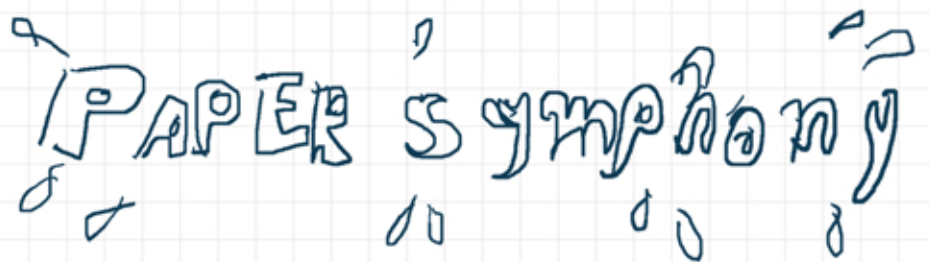


TRY TO MAKE AT LEAST  
10 DIFFERENT SOUNDS,  
ALL WITH PAPER...  
DO YOU THINK IT IS  
POSSIBLE?

How many sounds did  
you make?

\_\_\_\_\_

(a hint - try ripping fast  
and ripping slowly...  
very different effect..!)



HOW CAN WE MAKE MUSIC out of the sounds we have discovered?  
HERE'S HOW:

- 1) Select three of your favourite *paper sounds*.
- 2) Give them a number: Sound **1**, Sound **2**, Sound **3**.

3) Now 'play' them in the following order:

**3-2-2, 3-1, 3-1, 3-2-2**

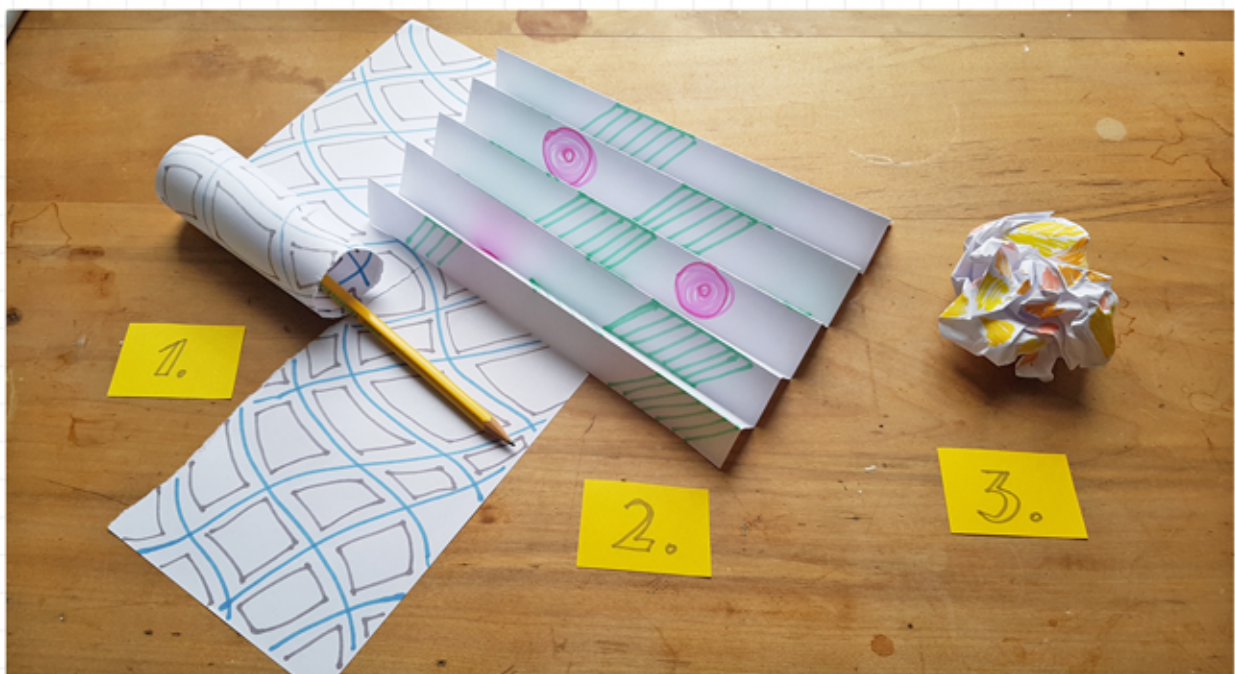
- your very first **paper composition!**

**...NOW TRY YOUR OWN SCORE!**

Write down a simple string of numbers,  
and after a wee bit of practice you'll be ready  
for a **MINI CONCERT** !

You can play the score by yourself, or you can have  
two helpers, each one of you playing one 'instrument'  
- so you will have a full **PAPER ORCHESTRA**. :)

You could also record your composition with a mobile phone...  
What other instruments could you use..?  
The possibilities are endless...!



**Don't forget to decorate your 'instruments' !**  
**SEE YOU NEXT WEEK!**