



Sound

BOX NOTICE

Name of the activity	Sound box
Activity duration	2h
Material needed	Sound box, plastic straw, scissors, ruler, glue, cardboard
Number of pupils involved (per box)	2

Step 1: Storytelling resources

After an introduction to musical instruments, if you are following Sequence 1, or to the vibration of sound, we suggest you start by reading the story of Syrinx and Pan.

The story will enable the pupils to imagine the pan flute and then build a version that is authentic to the story they have just heard.

Step 2: Creation of a pan flute

After this introduction, the pupils can start building their pan flute. Divide them into groups of 2, give them the instructions and guide them through the building process.

You can also ask for variations in the length or diameter of the straws between the different groups to observe the differences in sound that can be produced or compare the sound to the sound of an actual pan flute.



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Alternatives

You can also build a 100% eco-friendly pan flute – follow the instructions written in the document Creation of the elements.

Extension (sequence 1)

To continue this lesson, you can make other types of instruments with your students. You can try making some percussion instruments with different types of containers or make string instruments using rubber bands.

Extension (sequence 2)

For older students, the extension will go more into scientific explanations, you can continue the discussion about the spread of sound, you can talk about different mediums. Does sound spread better in the air, in water, or through the ground? Can sound be transmitted in space?



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