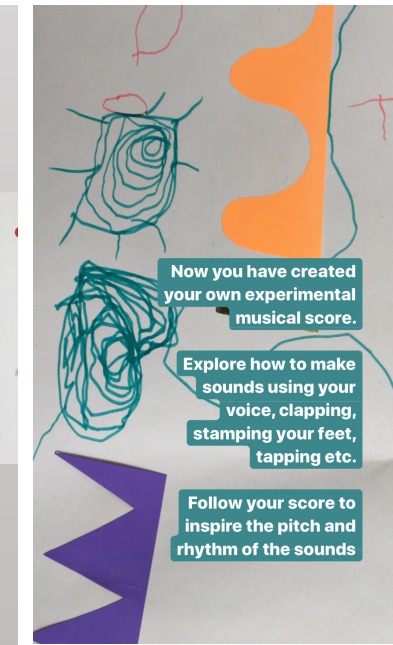
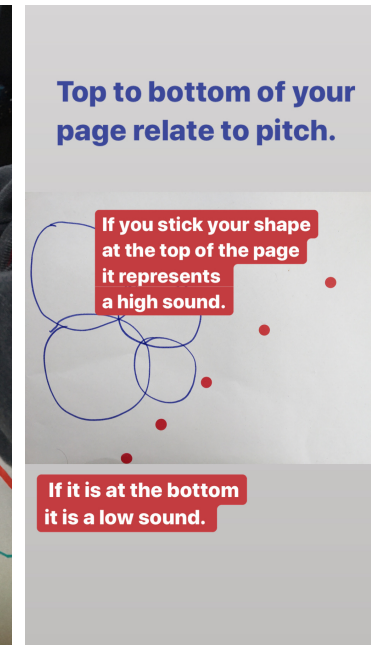
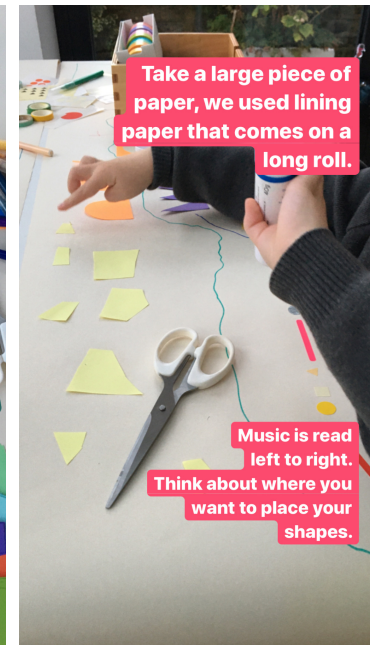
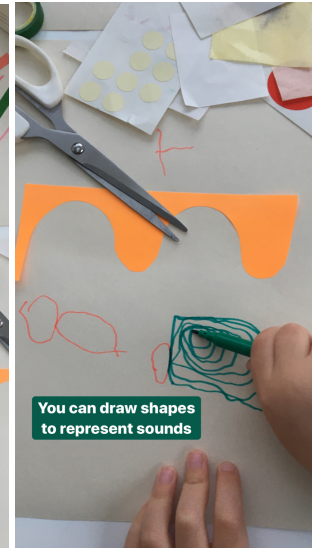
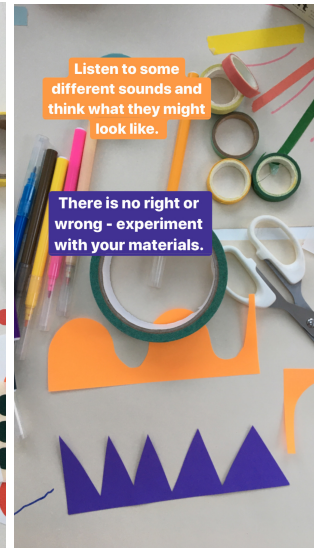
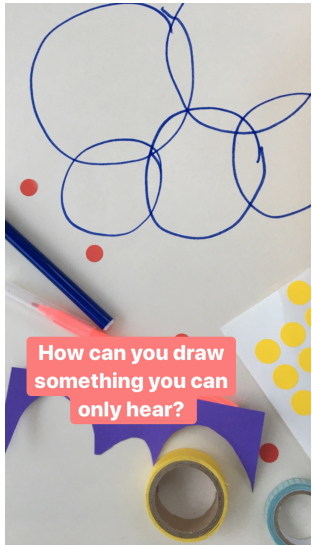




Space to Create! Pythagoras – Science and sound

Create your own musical score through drawing and collage and then play it back exploring sound, rhythm and pitch. Suitable for ages 4 and up. Connects to Key Stage 2 & 3 Music

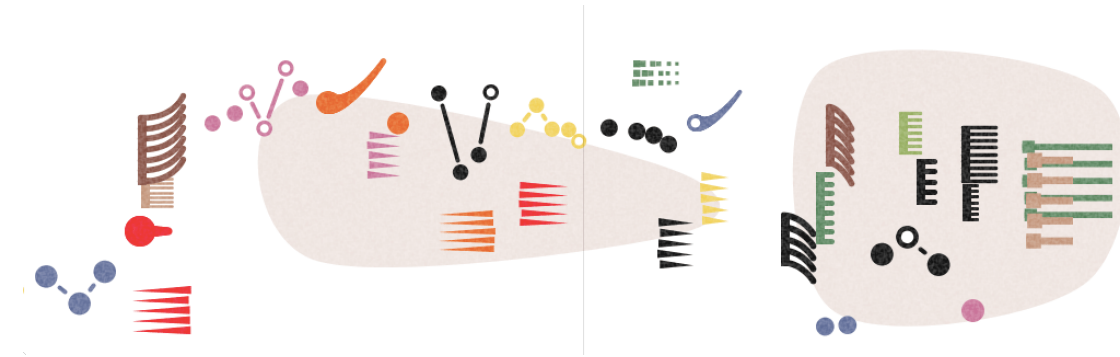




Space to Create! Pythagoras – Science and sound

More about graphic scores for inspiration

Traditional musical 'scores' have a five-lined musical stave, with each line and each space representing a different pitch. A graphic score is a different way of notating a piece of music. These pieces are more like a musical map to be interpreted by whoever is translating it into sound.



Ligeti – Artikulation

This graphic score was created by Rainer Wehinger in the 1970's to explain an electronic piece of music by Ligeti from the 1950's. There is a key that explains all the colours and symbols.

You can watch and listen to this work here:

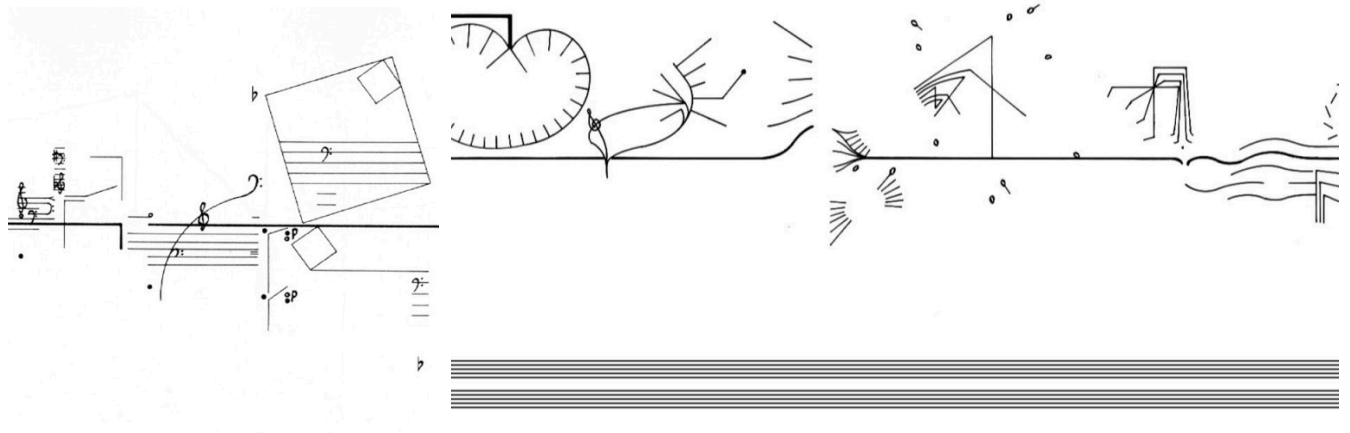
https://www.youtube.com/watch?v=71hNI_skTZQ

Cornelius Cardew - Treatise

193 pages of graphical notation composed between 1963-67. "for any number of musicians with any instruments".

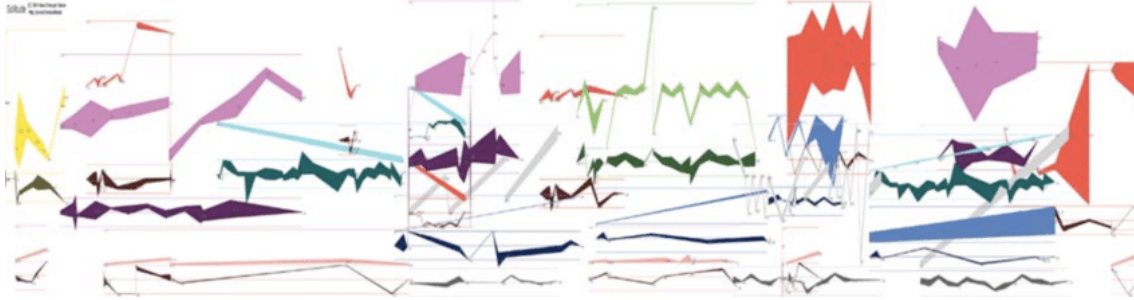
This work sometimes uses recognised 'language' from conventional music but other times is more abstract. You can watch and listen to some responses here:

https://www.youtube.com/watch?v=b0V9_xqaw8Q



Space to Create! Pythagoras – Science and sound

More about graphic scores for inspiration

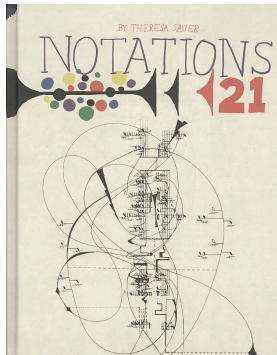


Hans Christoph Steiner

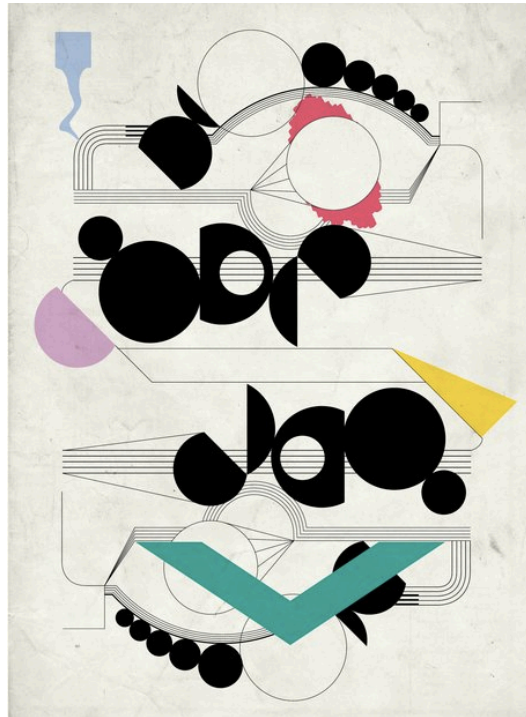
Useful links:

<https://www.classicfm.com/discover-music/latest/graphic-scores-art-music-pictures/>

<https://www.theguardian.com/music/gallery/2013/oct/04/graphic-music-scores-in-pictures>



This is a
fantastic
Book for lots
of inspiration -
Notations 21
by
Theresa Sauer



This session is a collaboration with University of Southampton, composer Benjamin Oliver, puppetry director Rachel Warr, acoustics expert Dr Matthew Wright and cellist David Dale. This project is part of the [Hands on Humanities, Human Worlds Festival at University of Southampton](#).

Please share your creations by e mailing vanessa@jhq.art or tagging @johnhansardgallery on instagram and we will send them to our collaborators to play as a piece of music. You can watch this live streamed on 21st November as part of the University of Southampton [Human Worlds Festival](#)

Pythagoras' Tool kit is part of a wider project in development with Ensemble Paramirabo from Canada. A live show with puppetry and music is due to be performed at venues in Canada and the UK in 2021 & 2022.

<https://ensembleparamirabo.com/en/node/889>