



conductive music

Conductive Music presents THE MAKERS - for Year 6

THE MAKERS is a fun and engaging opportunity for Year 6 students, to engage with music technology. KS 2 pupils will receive 2 Stages of workshops. We will explore & teach basic skills for resilient future careers in creative and cultural industries: object-based coding, linear circuits, sound design and instrumental design, teamwork, performance and composition. The 2017-2018 programme is made possible thanks to generous funding from the Arts Council England, Newham Music, Havering Music School, Bristol Plays Music, Renishaw Plc and the North East London Music Education Hub, Calderdale Music Trust, Rotherham Music.

Our learning outcomes for primary school sessions are:

- Understand how an electronic circuit works.
- Browser-based music software
- Object-based coding platform, freely available through the browser.
- Begin to use a freeware, browser-based digital audio workstation (DAW).
- Develop ensemble musicianship skills.
- Respond to musical signals to manipulate pitch and rhythm.
- Some children may progress further to improvise solos and duos.



The Sessions:

Each student will attend 2 x 2-hour sessions in two separate days. The first session revolves around the BBC Mirco-bit, a multimedia hardware and software platform, designed for schools, which allows for light, sound, and movement stimuli. Its language is very similar to scratch - so that the children will be able to apply their prior knowledge (if any) and deepen it. This array of outputs allows each student to reach a solution to the posed problem, through a different medium appropriate to their learning strengths. This will boost independence, self-esteem and self-awareness. On the second session, we will introduce the Quirkbot a programmable custom hardware designed for primary education, which will further the children's understanding of the music programming workflow. These devices were carefully selected after a pilot project delivered during 2016/17, to 1.5k+ students in London, Bristol and in the Kansai area of Japan.

The Continuation:

The project legacy will be boosted via a series of video tutorials and lesson plans, to be disseminated freely, through CM's channels. These will include student testimonials and reflections on the project. A system of online feedback will monitor student progress and track the identified measurements of change in student attainment. The data gathered will be analysed via a mixture of qualitative and quantitative methods and then disseminated via peer-reviewed academic channels in the fields of Education, Music Technology and Engineering. The students will also have the opportunity to take part in our other projects, as they progress through school, and they will also be invited to other projects as applicable. All software resources are freely usable from the comfort of their homes.

I DONT LIKE IT I LOVE IT

Year 5 student, 2016

Here's our video and some infographics on our findings!

bit.ly/ConductiveMusic (YouTube)
facebook.com/ConductiveMusic
bit.ly/cmreport1617 (Annual Report)



We kindly ask you to:

- Pick two dates and organise two 70-minute sessions each day.
- Recruit 15 to 20 students per session (30 to 40 students, who will return for Stage 2)
- Students must be: FSM, EAL, PRU, SEN, PP, we have a maximum of 10% of places for students from non-challenging backgrounds.
- Return signed copy of the contract
- Send us a list of students (Initials, Year, Reason for attending) this is for our report to funders.
- Please forward the technical details to the ICT manager.

Technical Setup:

- 1 computer per student, desktop preferred, if laptop, please provide PSUs. We are unable to work with tablets or iPads.
- Audio enabled on all computers and headphones.
- Internet connection, with accessibility to GoogleDrive (feedback forms for students, and teaching materials for our tutors).

ESSENTIAL: Google Chrome up-to-date installed. Should this be not possible, please inform us and we will bring a different workshop altogether.

ESSENTIAL: JAVA up-to-date

Please note: we do not require the installation of any piece of software.

Any questions: info@conductivevibes.com
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bit.ly/cmourpolicy

For Risk Assessment, Equal Opps, Public Liability and Child Protection Policy

