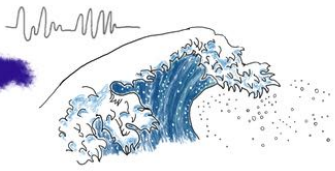
STEAM
Bringing it all together



Hello,

This is Enrico, co-founder of Conductive Music CIC. My passion is to create my own musical instruments, and I've made it my mission to share this joy with young people. Since 2012, my team of artists-educators has been travelling to schools all over the UK and in 11 countries to inspire young inventors and equip them with the skills to know what to do when stuff goes wrong. We show them how to embrace failure, help them build their resilience and support their personal growth, through trial and error. We are learning more about technology, pedagogy and creativity in the process.

We are sending you this partnership proposal to explore working together on expanding STEAM in schools, breaking boundaries between disciplines and reinventing education with music in the lead.

Our projects bring together music and STEM, to offer a stimulating experience to children from challenging backgrounds. We work in mainstream schools, PRUs and special schools, both at primary and secondary levels.

We work closely with our Hub partners to reach out to schools with low music provision and offer students a positive learning environment, to experiment with composition, instrumental performance, sound design, coding and design thinking, and practise personal development skills like teamwork, self-assessment and peer feedback.

Our provision is aligned to National Curriculum core subjects and we also support teachers' professional development. Schools love the project, many have booked us for six years in a row!

Our 16 wonderful, diverse and highly skilled staff are currently working with 11 Hub partners nationally, and our international connections and speaking engagements enable us to take our projects worldwide and to develop advanced cross-cultural skills.

Below, our Proposal, and you can check out our Current Provision, Partners, and more information about Conductive Music. I look forward to connecting with you to explore partnership opportunities.

Dr. Enrico Bertelli
Executive Director, Conductive Music CIC

Partnership Opportunity

We offer our workshops free of charge to 'cold spots' schools and students from challenging backgrounds, thanks to the continuous support of Arts Council England and of our growing family of Hub Partners. Every year, they pledge a contribution towards tuition costs in their area, which we match to cover all logistics, R&D, equipment and other running costs.

Your package will be tailored to your needs. We can change the number of days and the type of schools. Please let us know your budget and we will stretch it as far as we can!! Here are some price ranges which we prepared for you:

1. **2,000 starter pack**: 8 days, to be invested in 4 schools. We will reach out to 80 students per primary school, or 20 per secondary, and about 20 teachers. Great for new partnerships!

2. **3,500 the most wanted**: 12 days to be invested in 6 schools (80 students per primary, 20 per secondary and 25 teachers). This is the most popular choice among our current partners.

3. **5,500 full cover**: 18 days in 9 schools (80 students per primary, 20 per secondary and 35 teachers). Perfect to reach out to many institutions, it offers flexibility between primary and secondary, as well as festival days to promote your Hub's activities!

By contributing, you are joining a project that has already engaged 4,000 students, who rate our workshop experience at **9.5/10**, and delivered measurable outcomes, detailed in our annual report. We are passionate about igniting a love of music and supporting teamwork and experimentation in students who might otherwise not realise their own potential, and we hope that we can deliver these goals in partnership with you in your area.

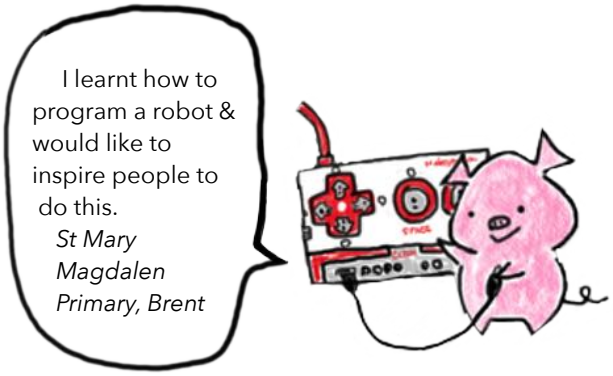
Our Hub partners support us year after year because we help them engage with hard-to-reach schools, increase their music technology provision and fight the cause for music education. If you are interested in knowing more, here is how we can work together:

1. Contact us.
2. Come and observe a session or let's arrange a meeting.
3. We will require a letter of support by April 1st with your pledge.
4. We will start delivery from **2019**.

Current Provision

We started in KS3 with the fabulous MakeyMakey and soon expanded to KS1, working with numerous child-friendly devices such as Quirkbot, Flora, Microbit, etc. From 2018-2019, we will also be able to offer an Early Year programme, thanks to the addition of EY specialist Dr. Yui Shikakura to our team.

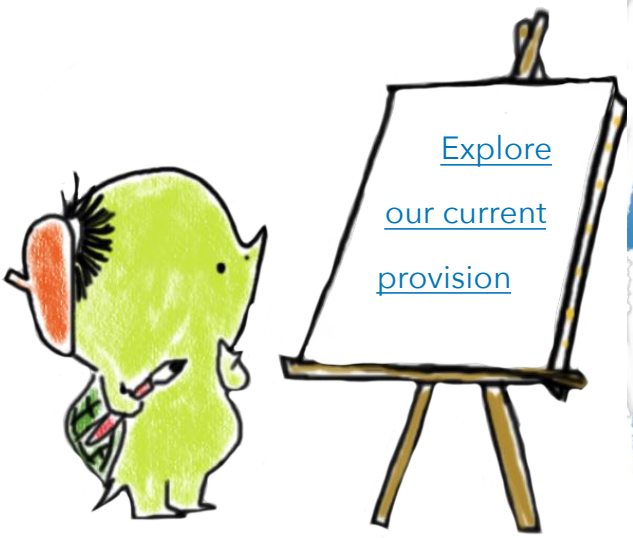
We always use the schools' computers or tablets to help them make the best use of their existing resources, paired with free resources and tutorials, usable after our workshop. We teach composition with Audiosauna, Soundtrap, AudioTool and MusicLab. As a real STEAM project should do, we connect music to creative coding platforms for the Microbit, Quirkbot or Arduino. Many schools have implemented these for GCSE composition.



We have a *Lunch&Learn* CPD session that responds to teachers' needs in an accessible and convenient format: they drop in and have lunch while we explain how to incorporate tech in their daily planning.

Our evaluation is all web-based, making it easy to collect responses from students, school teachers and our staff. We evaluate each project as it unfolds and we generate data-rich reports, both for our continuous improvement and for reporting to our Hub partners and our funders, such as Arts Council England.

We are an accredited Trinity Arts Award Centre, through which we deliver long-term, summer schools or half-term projects leading to a nationally-recognised qualification, such as Create (2' video). We also recently became an Artsmark Partner and a MakeyMakey Global Ambassador.



UK Partners and International Activities

We are proud to be working with a cohort of incredibly supportive partners: Arts Council England, British Council, PRSF, European Cultural Foundation, RaspberryPi Foundation, European Cultural Foundation, Renishaw Corporation, Youth Music as well as 11 Music Education Hubs: Barking and Dagenham, Bristol, Brent, Calderdale, Camden, Havering, Redbridge, Rotherham, Sunderland, Waltham Forest and Tower Hamlets.

We grow by responding to their needs: we develop bespoke projects, contribute to their strategic goals and enhance their own provision and capacity by connecting them to hard-to-reach schools.

We are proud to be an Arts Award Examination Centre, an ArtsMark Partner, and MakeyMakey Global Ambassador, who recognise and share widely our innovative use of their interface.

Our international commitments are also constantly expanding. Our 2018/2019 highlights include a Keynote Speech at PGVIM Conservatoire Bangkok (Thailand); lectures at Massey University, Music Department, Wellington (New Zealand); Tokyo University, Psychology Department, Tokyo (Japan); Tokyo University of the Arts, Music Administration Department, Tokyo (Japan); Nara University, Department of Education, Nara (Japan); Hiroshima University, Department of Education, Hiroshima (Japan); and workshops for the Denla International British School, Bangkok (Thailand) and the Canadian International School (Hong Kong)

We have also been selected, out of 700 participating projects, to present at the **BETT Fair** Main Stage at the O2 (January 2019), and at the **Big Bang Fair** in Birmingham (March 2019) where 80,000 STEM-related education professionals are expected.

Kevin Rivett, Calderdale M Trust

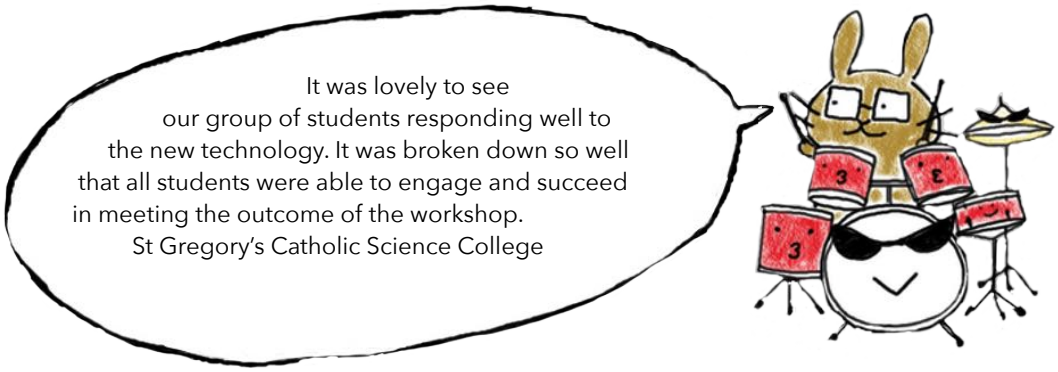
Fantastic to observe children being creative, spontaneous and confident in their exploration of music.

Deborah Rees, Camden Music

CM brings a new dimension to our offer and attracts a different group to our Service. The courses have been well-received and we have excellent feedback from parents.

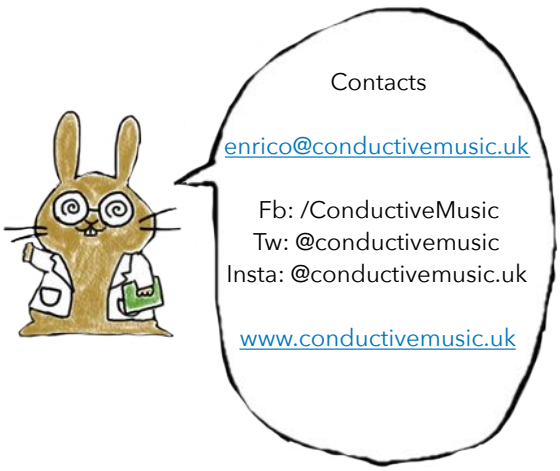
Mary Mycroft, Waltham Forest

Working with CM has enabled children in Waltham Forest to engage with technology in a fun and original way. The holiday courses were enjoyable and educational, connecting people from diverse backgrounds.



Conductive Music CIC was founded in 2012 to support young people in the creation and performance of their own music. We now deliver Music and STEAM-focused learning experiences to over 4,000 students in the UK and internationally, with strong relationships across England. Our international commitments: France, Greece, Denmark, Russia, Thailand, Hong Kong, New Zealand and Japan.

We are musicians, performers, designers, engineers and educational specialists, teaching children how to realise their own ideas and creating a holistic learning environment to achieve their artistic and academic potential. We focus on children who encounter daily obstacles to their educational and personal success: those who live in areas of high deprivation, have different learning needs or disabilities, and/or have English as an additional language, to inspire new career paths and promote curiosity and academic engagement.

Our methods are based in educational theory and feedback from young people, specialist teachers and SEN coordinators. We use free and open source technology and provide support for students of all ages, as well as for teachers and creative practitioners. We collect and analyse feedback from all stakeholders and we share our analysis through articles, papers and conferences.

We work in priority with schools with low music provision and with PRUs to target students with SEN/D; students on Pupil Premium, Free School Meal lists and/or learning English as an Additional Language; and girls, to support their interest for music technology and STEM.