

CCiNES

CREATIVE CODING in NORTH EAST SCHOOLS

CCiNES TEACHING MUSIC & CODING WITH SONIC PI

Supported by:



• WHAT IS THE CCiNES INITIATIVE?

Creative Coding in North East Schools (CCiNES) is about giving children the tools they need to create their own **digital music compositions** and improvisations through the medium of **live coding**.

Sponsored by Durham University and the Arts and Humanities Research Council, we offer participating schools a no-cost, high-impact series of workshops or study days for KS3 students to learn the basics of **Sonic Pi**, a fun, kid-friendly programming language for digital music composition developed by Dr Sam Aaron (www.sonic-pi.net).

• INCREASING TECH LITERACY THROUGH MUSIC

CCiNES is about exposing students to the basics of **computer programming** by engaging their interest in **music**, whilst simultaneously developing their **composition, listening, and performance skills** outside traditional acoustic composition approaches.

Crucially, the Sonic Pi software package is free, open-source and multi-platform, allowing for its widest possible use in schools. Of course, lesson plans for either an extended workshop (4 hours total) or a course of two study days (two four-hour days) can be tailored to fit individual school timetables.

DR CHAD LANGFORD, PROJECT DIRECTOR

I am a composer and music educator based at Durham University. An experienced private music teacher, I have many years experience delivering music workshops to schoolchildren of all ages. My primary aim with the CCiNES initiative is to widen horizons and broaden perspectives by introducing as many children as possible to the pleasure and creative richness offered by making music via creative coding!

• FOR MORE INFORMATION:

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