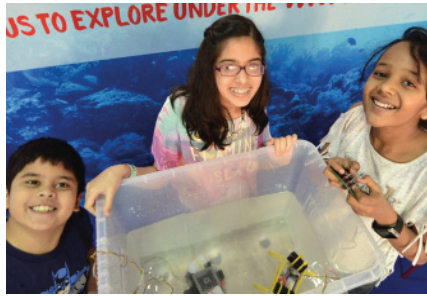# Digital Maker CIC : We make makers…

Digital Maker CIC has a wide range of experience when it comes to delivering inspiring & fun creative STEAM workshops. Below are a some examples of the work we have run in schools, festivals, clubs and more. If you're interested in working with us, please do send us an email or give us a phone. (**info@digital-maker.co.uk | 07734 473 932**)

Abu Dhabi Science Festival

Digital Maker CIC ran "Underwater Robots" workshops for over 1800 kids at The Abu Dhabi Science Festival 2017. We provided two types of session, 45 minute "Learn, Build & Fly" workshops, where participants were educated on ROV's, then given kits to build & fly in tanks. A lean 20 minute session was created, where participants flew pre built ROVs & learned about their uses.

Abu Dhabi Science Festival 2017

Two types of ROV kits were flown in tanks, Lego & pre-built kits.

Over 1800 children experienced our workshop in schools & public sessions.
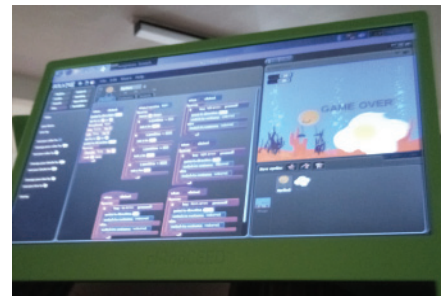
Arts Across Learning Festival 2018

Digital Maker CIC were asked to run creative programming workshops for Aberdeen City Council's "Arts Across Learning Festival" in March 2018. Using our suite of RaspberryPi Ceed computers, we ran a Python & Minecraft programming workshop for P7's and a "Game Making" workshop using Scratch.

Pi Top Ceed classroom set up. Up & Running in ten minutes.

Pupils working to worksheets at their own pace.

Building a fully working game in Scratch within a 90 minute class.

Family workshops

Digital Maker CIC were asked to run a full day's workshop to encourage families to play & learn together. Held in the Banff Sports Centre, we ran robotics & coding taster session, encouraging parents & children to learn coding & critical thinking.

Parents & Children were asked to work together to build & program a 2 wheeled robot.

Experimentation & resilience are part of this workshop, where "trying things" to learn is key.
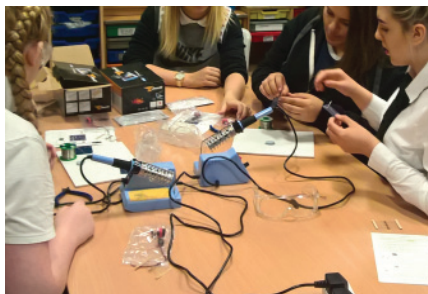

A wide range of skills were involved in completing the tasks. Everyone had the chance to experience something new.

Company number SC555318

Digital Maker
…We make makers

Prince's Trust

Martin & Phil have been running Awesome Tech workshops for the Prince's Trust in various schools in the Scotland. Workshops are usually 90 minutes & involve the Achieve/Excel classes (targeting S3 & S4s). STEM based workshops with the emphasis on creativity & problems solving. We have soldered, made "Scribblebots" and created reed boats for engineering experiments.

Scribble Bots - Creative robot building & problem solving

Soldering with S3 & S4's creating "Digital Bagpipes" with 46 solder points.

Reed Boat workshop to create "best raft" to hold as many pennies as possible.

Edinburgh Science Festival

Digital Maker CIC have worked with the Edinburgh Science Festival and run workshops using Raspberry Pi, programming Minecraft with Python, scribblebots and 3d printing. The classes had up to 24 pupils per workshop & we received fantastic feedback from the attendees and Edinburgh Science Festival monitors.
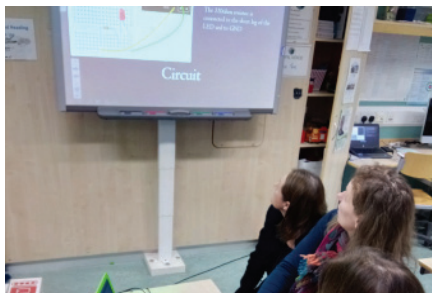

Edinburgh Science Festival 2017

Our listing in the Ed Science Festival booklet.

We ran minecraft / python workshop on 6 Raspberry Pi's + scribblebot challenges.

CPD in Primary Schools

During the Arts Across Learning Festival 2017, we were asked to provide Continuing Professional Development based on our robotics workshops for P6&7's. The teachers really enjoyed the challenges & told us that a lot of the equipment & ideas we provide aren't as scary as they expected it to be. We also inspired the teachers to think how they could use robotics in other classes to create deeper learning & engagement in various subjects.

Teachers experiencing the same teaching approach we give our pupils.

Play & Experimentation were encouraged with little or no interruption / guidance from us.

Teachers were inspired by our approach of not "spoon feeding" answers to participants, giving rise to deeper learning & more resilience & inquiry.