



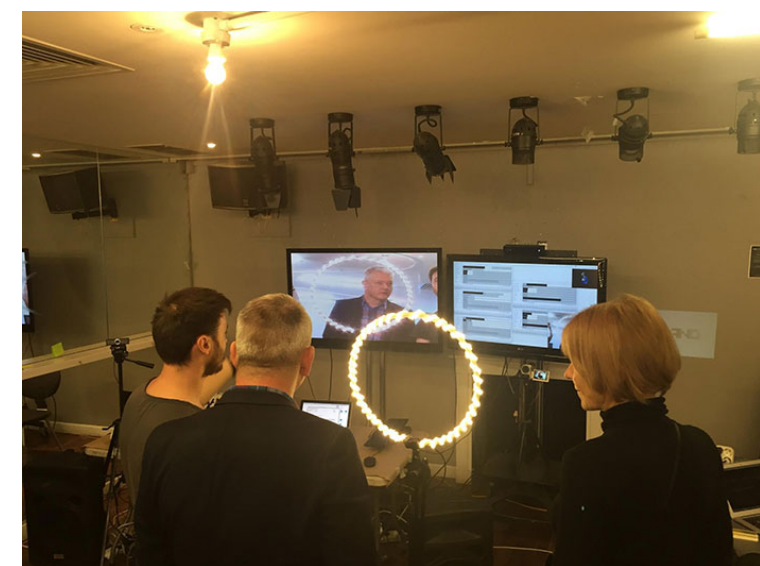
## **ELECTR”O”ACTIVE GRID**

A collaboration between  
CYLAND Media Art Lab (St Petersburg),  
Hill Mead Primary School (Brixton),  
London Connected Learning Centre  
and the Digital Maker Collective, UAL,  
at Tate Exchange on 22<sup>nd</sup> Feb, 2017.

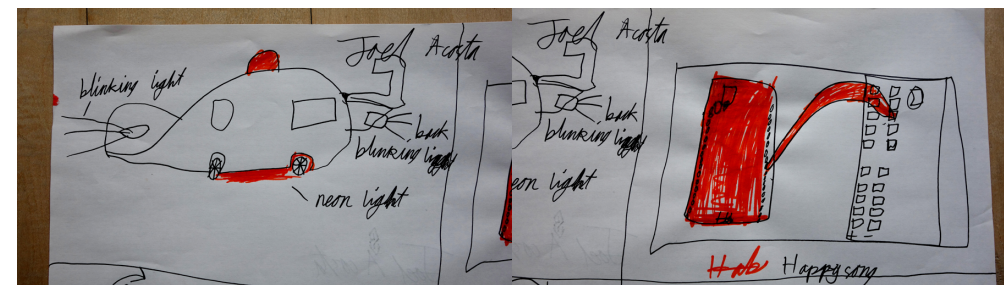
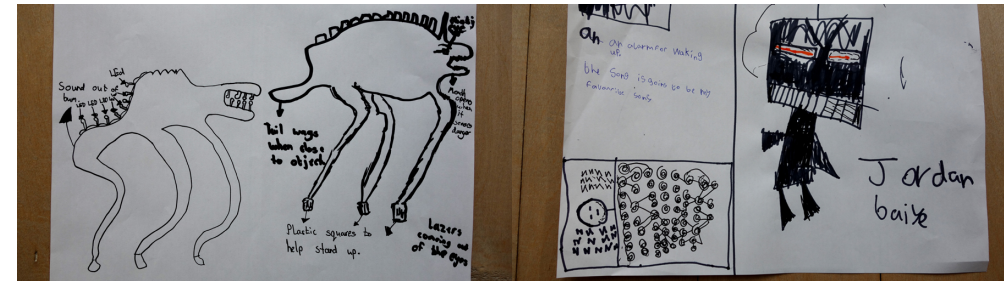
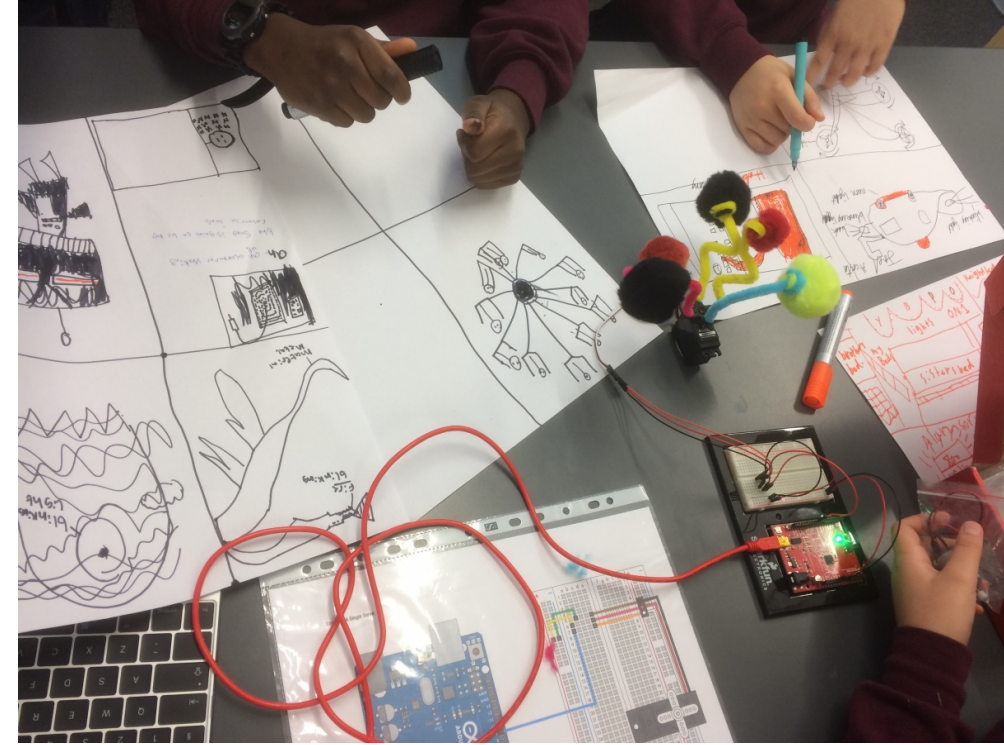


## **DIGITAL MAKERS: Be an Interactive Artist!**

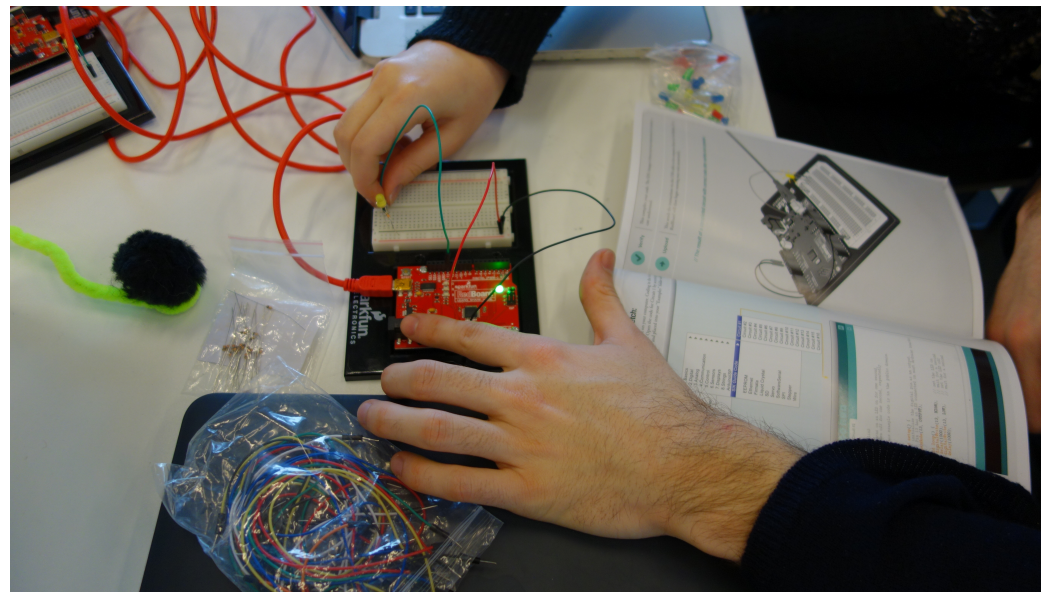
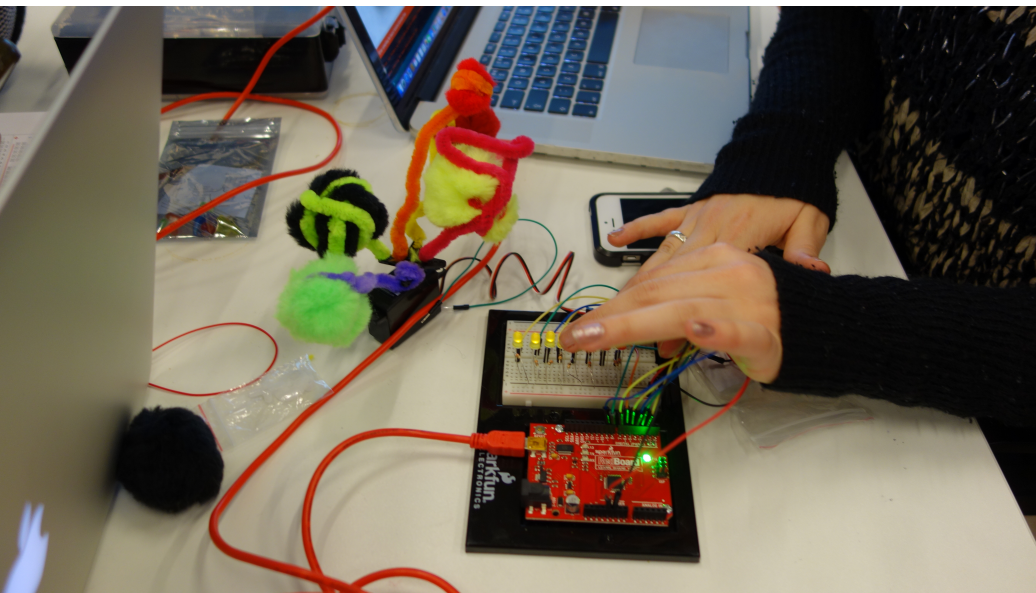
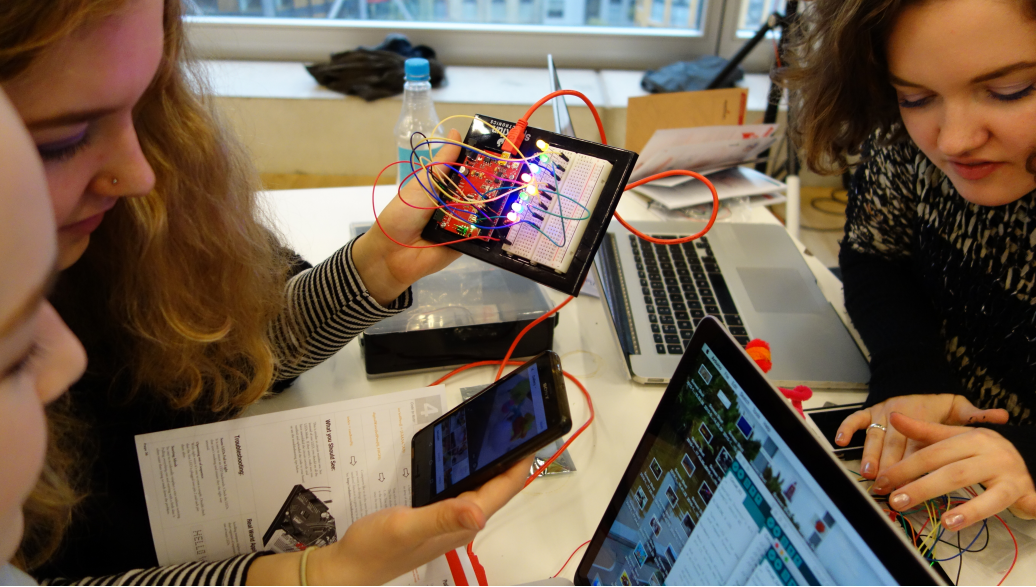
A collaborative workshop led by members of the  
Digital Maker Collective for Tate Kids at the Tate  
Digital Studio, Tate Britain, on 12<sup>th</sup> April, 2017.



Initial collaboration with the CYLAND team from St Petersburg at Chelsea Maker Week, May 2016. The technical aspects of emotional recognition technology used in Alexandra Dementieva's *Orbis Quartus* are being explained here by Alex and Sergey Komarov who programmed this piece. Photos by Anna Frants, artist and curator at CYLAND.



Collaborative workshop at Chelsea with participants from Hill Mead Primary School, Brixton, and members of the Digital Maker Collective, supported by Kim from the London Connected Learning Centre. Various Arduino functions were practiced and then ideas and possibilities for their uses were explored through drawing.



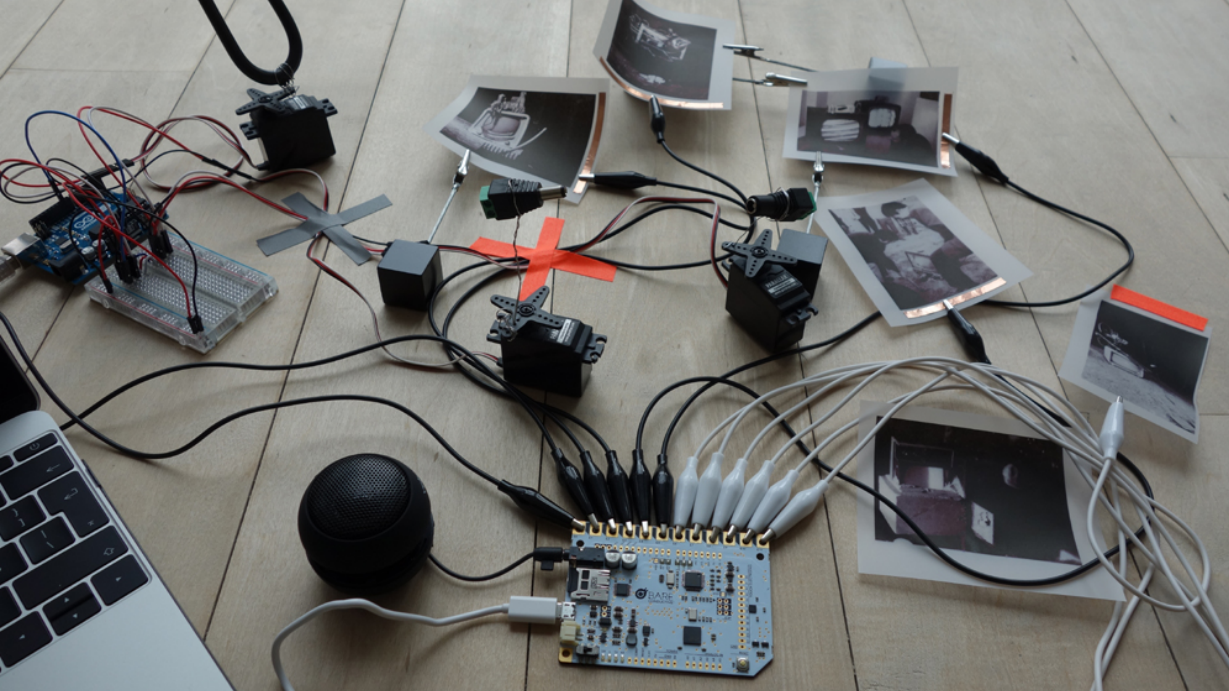
Digital Maker Collective members practicing functions with the Sparkfun kits at TATE EXCHANGE on 8th Feb, ready for the collaborative workshop on 22nd Feb with Hill Mead School participants and CYLAND.



Collaboration between the CYLAND team, Hill Mead School participants and members of the Digital Maker Collective at TATE EXCHANGE on 22nd Feb. Here we are wiring and coding Sparkfun components ready to place on the ELECTROACTIVE GRID. Anna Frants who led the CYLAND team from St Petersburg took these photographs.



Early stages of populating the ELECTROACTIVE GRID with SparkFun Arduino-based functions including servomotored objects, multiple blinking lights, robotic eyes, wind-up chattering teeth and screens.



Preliminary ideas for the Tate Kids workshop  
**DIGITAL MAKERS: BE AN INTERACTIVE ARTIST!**  
12th April in the Taylor Digital Studio, Tate  
Britain.





This collaborative workshop was developed by a team of seven members of the Digital Maker Collective.

Here we are exploring Arduino wiring and coding to activate blinking lights and servo motors, which were then customized.

**DIGITAL MAKERS: BE AN INTERACTIVE ARTIST!**







We also interacted with Cerith Wyn Evans' *Forms in Space...by Light (in Time)*, and Martin Boyce's *Do Words Have Voices* in the Tate Britain gallery spaces.



Then we recorded sounds and activated our Interactive musical chairs using Touch Boards connected to Ableton Live!



# Olafur Eliasson

Green Light Studio

Venice Biennale 2017