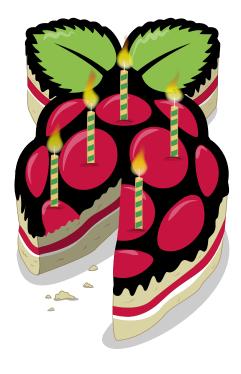
Saturday 4th March

Schedule

	Auditorium	Workshop One	Workshop Two	Workshop Three	Workshop Four: J3
10.30	Doors open	Doors open	Doors open	Doors open	Doors open
11.00	Eben Upton: Welcome	Drop-in session: Try some digital making	Drop-in session: Try some digital making	Drop-in session: Try some digital making	
11.30	Andy Stanford-Clark: Innovation begins at home				
12.00	Nick Provenzano: Education keynote	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •		
12.30	Ben Nuttall: GPIO Zero				
13.00	Code Club Australia	<u>Sue Gray: Coding a quiz in</u> <u>Scratch</u>	Richard Hayler: Sense HAT science	<u>Joshua Lowe: Minecraft</u> mashup with EduBlocks	Education team drop-in session: Your questions on training and resources
	Thomas Hartley: Robotics 101 – an open-source course with Pi Zero				answered by the team
14.00	Matt Timmons-Brown: Building a 30km/h DIY Raspberry Pi electric skateboard	<u>Sue Gray: Getting started with</u> micro:bit on the Pi	<u>Jasper and Ozzy Hayler-</u> <u>Goodall: Charming Pythons</u> <u>with turtles – learning the</u>	<u>Dave Honess: Your code in</u> <u>space</u>	Digital making curriciulum TALK
	Peter O'Shea, CoderDojo: Self- directed learning/tinkering with coding and music		basics of Python with turtle		Cat Lamin: Why do kids need to learn to code and how can we help? TALK
15.00	Naturebytes: Taking the A+ outdoors, and why you should too	Dan Aldred: Getting started with Pygame Zero	<u>Jonathan Sanderson and</u> <u>Joe Shimwell: Robot Orchestra</u> <u>workshop</u>	<u>Sam Aaron: Sonic Pi</u>	Marc Scott: Open education TALK
15.30	Yasmin Bey: Gwiddle		workshop		Nicholas Hughes: Make a Crumble robot workshop
16.00	Jonathan Pallant: Rust as an alternative to Python	No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u>Rik Cross: Build a Scratch</u> <u>games controller with</u> <u>Code Club</u>	<u>Alasdair Davies: Test-drive the</u> <u>Naturebytes Wildlife Cam kit</u>	
16.30	Alan McCullagh: Allo world! France takes off	<u>Ask the expert: Pre-registered</u> <u>sessions</u>			Spencer Organ: Programming the micro:bit with a Harry Potter theme!
	Peter Stevens: Raspberry Pi in the data centre		<u>Jonathan Pallant: Rust on the</u> <u>Raspberry Pi – Fast, safe and</u> productive programming		
17.30	Andy Melder: Building digital maker communities			Quiz: Trivial Pi-suit	Digital making in education panel TALK
18.00	Sam Aaron: Sonic Pi closing show				
18.30	Party ends	Party ends	Party ends	Party ends	Party ends

#PiParty





Marketplace Stage: J1



Sunday 5th March

Schedule

	Auditorium	Workshop One	Workshop Two	Workshop Three	Workshop Four: J3
10.00	Doors open	Doors open	Doors open	Doors open	Doors open
10.30	Intro from Philip Colligan	Drop-in session: Try some digital making	Drop-in session: Try some digital making	Drop-in session: Try some digital making	
11.00	Mike Horne: Music Box project build				
	Rob Zwetsloot: Contributing to the community – how to write for the official Raspberry Pi Magazine	<u>Dave Akerman: Tracking high</u> altitude balloons in Python	<u>Andy Batey: GPIO Zero</u> sensors and servos	Ben Nuttall: Build a traffic light controller with GPIO Zero	<u>Quiz: Trivial Pi-suit</u>
12.00	Matt Richardson: Art with Processing on the Raspberry Pi				
12.30	Hannah Steventon-Barnes: Using magic to kill fairies!	<u>Martin O'Hanlon: Python</u> functions, modules, and classes	<u>Stewart Watkiss: Colour</u> your world with NeoPixels – beginners' electronics	Andrew Mulholland: Hack the dazzling Raspbertree!	Drop-in session: Quiz – Trivial Pi-Suit
	Oliver Quinlan: Digital making – learning by creating		workshop		
13.30	Raspberry Jam panel	<u>Carrie Anne Philbin: Raspberry</u> <u>Pi for parents</u>	<u>Alan O'Donohoe: Pygame for</u> <u>complete beginners</u>	Andrew Mulholland: Building an ultrasonic theremin	
14.00	Seb Lee-Delisle: Internet of stranger things				Raspberry Jam meetup
14.30	Mister C: Making stuff up		<u>Alan O'Donohoe: Scratch</u> <u>GameJam for workshop</u> leaders	<u>Graham Hastings: Pi in</u> <u>control – an introduction to</u> <u>GPIO via Scratch</u>	
15.00	Dave Honess: Astro Pi		<u>reauers</u>		
15.30	Meet the engineers		<u>Frank Thomas-Hockey: HTML</u> for groan ups and their younger mentors	Hacklab: Minecraft matrix	
16.00					
16.30					
	Fran Scott: Live-coding explosions				
17.30	Party ends	Party ends	Party ends	Party ends	Party ends







Marketplace Stage: J1

