

School's *In*

Program or be programmed:

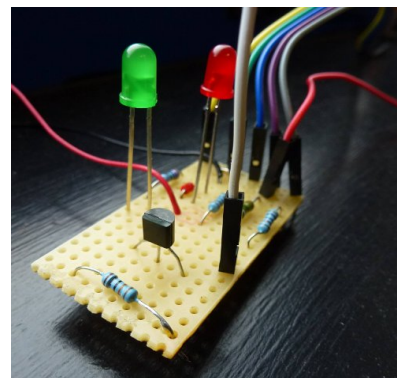
- the world is saturated with computer code: everything from fridges to singing birthday cards
- the people who write our code, create our world
- shouldn't everyone have the chance to create their own world, and not simply wander through the creations of others?

Computers in the UK Curriculum

- draft curriculum for schools: programming is back!
- good news for other subject areas: thinking logically, finding patterns in data can open our eyes to the world around us — to how birds flock, or populations grow, or economic crises play out
- develop our creativity, our concentration and our artistry
- asks schools to build 'a critical understanding of technology's impact on the individual and society'.

The Raspberry Pi

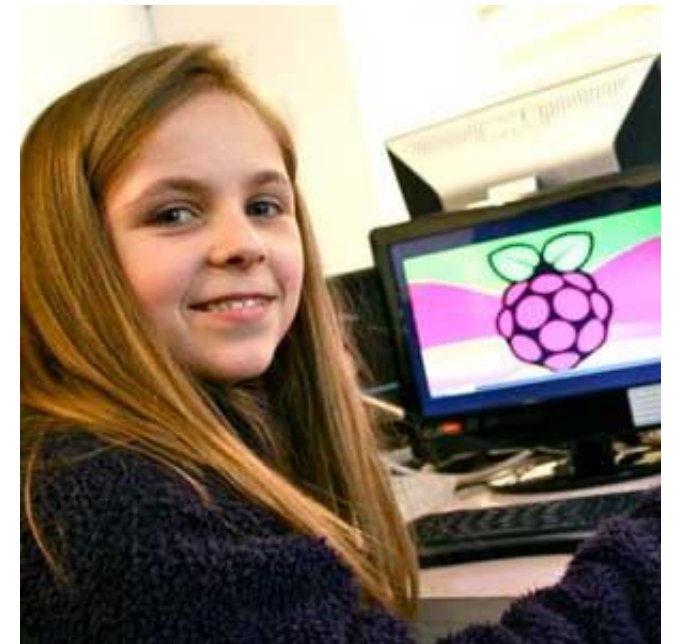
- a computer that schools don't need to worry about kids breaking, or abusing, or using to endanger their safety — providing they are careful with the soldering iron
- designed to spend much of its life in pieces
- runs a free, open source operating system (Linux)
- not a finished, out-of-the-box product — it's a project, or a thousand projects — a robot remote control, a programmable camera, a parent alarm, a media center, an electronic paint brush



<http://Pi.GATE.ac.uk/>

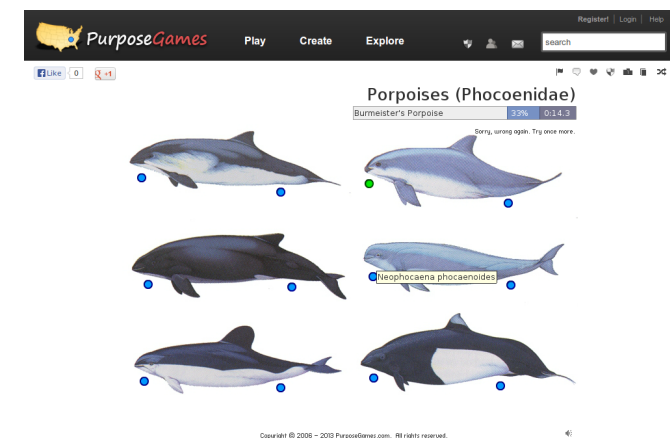
"At Boots science is for boys and pink princess toys are for girls"

Amy Mather (14-year-old Pi hacker) at Wuthering Bytes, September 14th 2013.



What to do?

- Barbie the programmer?! Princess Pi? Pink Electronics?
- Games with a porpoise?



- Better role models
- Better opportunities
- End discrimination

Get involved:

