Resources

Geek Gurl Diaries

Barefoot
Computing

CODE CLUB

code club .pro

Computing for teachers

Training courses and resources for teachers of the computing curriculum

Raspberry Pi Publications

SIGN UP TO RASPBERRY PI WEEKLY

www.raspberrypi.org Blog

www.raspberrypi.org Forum

TEACH

LEARN

MAKE

Latest additions...

TURTLEY AMAZING

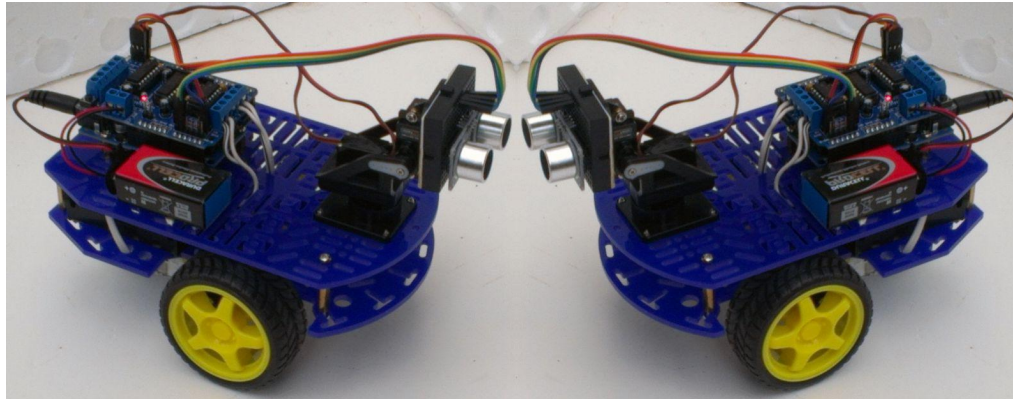PHYSICAL COMPUTING WITH PYTHON

MICRO:BIT SELFIES

MICRO:BIT GAME CONTROLLER

Local Education Activities

Barefoot Computing Workshop

What is the Barefoot Programme?

- National programme to help teachers deliver the computer science elements of the new primary computing curriculum

- Established by the Department for Education (DfE)

- FREE high-quality, practical, cross-curricular computer science resources for use on/offline for primary teachers in the UK

- Developed by teachers for teachers

Zoe	Jon	Jane	Miles	John
Teacher	Teacher	Teacher	Academic	Academic

www.barefootcas.org.uk

Computational thinking

Exemplar teaching activities

Ages 5 – 8	
Crazy Character Algorithms	Bee-Bots Tinkering
Spelling Rules Algorithms	Bee-Bot Basics
Sharing Sweets Algorithms	Bee-Bots 1,2,3 Programming
Decomposition Unplugged	ScratchJr Tinkering
Patterns Unplugged	Scratch Tinkering
World Map Logic	ScratchJr Knock Knock Joke
Patterns unplugged	Pizza Pickle scratch debugging

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Exemplar teaching activities

Ages 8 – 11				
Decomposition Unplugged	Scratch Tinkering	Modelling the Internet	Bug in the Water Cycle	Investigating Inputs
Abstraction Unplugged	Kodu Tinkering	Network Hunt	Viking Raid sequencing	Investigating Outputs
Logic Unplugged	Kodu Game Selection	Selecting Search	Fossil formation sequencing	Classroom Sound monitor
Patterns Unplugged		Introduction to HTML 1	Solar System Simulation	Make a Game Project
Variables Unplugged			Shapes & Crystal Flowers Repetition	Animated Poem Decomposition
Logical Number Sequences			Scratch Maths Quiz Selection	
2D Shape Drawings debugging			Scratch Match Quiz Variables	

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