

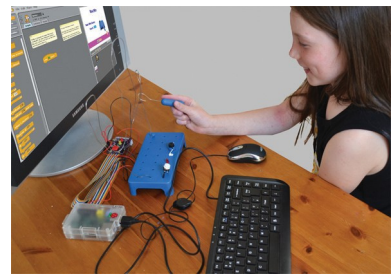
The Raspberry Pi

Build → Program → Control

Use the Raspberry Pi, along with Scratch, to get students to build, program and control a range of external devices, following the new Computing Curriculum at Key Stages 2 and 3.

Each teaching pack comes with all the electrical components and equipment needed* to build and control a model using the Raspberry Pi. Each pack comes complete with a CD containing a full unit of work for the project, making it easy for teachers to use. The differentiated activities are both fun and engaging for students.

All items are suitable for Raspberry Pi Model B and B+



Important Information

All packs include a CD ROM containing at least 5 full lesson plans for the unit, differentiated worksheets, PowerPoint presentations (with video support) and helpsheets.

*To use any of packs A to F, you will need an interface kit to connect them to your Raspberry Pi (item G).

A Spy Kit Teaching Pack

Control an ultra-violet LED so pupils can write codes using a security pen and read their secret messages.

TXR181 EACH **£9.36**

B Magic Illusion Teaching Pack

Develop program to control a motor, then investigate a range of mesmerizing optical illusions.

TXR182 EACH **£9.99**

C Traffic Crossing Teaching Pack

Use repeating loops to write program to control traffic lights, then build and test a traffic light model.

TXR183 EACH **£9.36**

D Buzz Wire Teaching Pack

Write program to control both inputs and outputs, then build a Buzz Wire game - even add variables to keep score!

TXR184 EACH **£12.49**

E Intruder Alarm Teaching Pack

Build a model burglar alarm, complete with sensor, alarm buzzer and control panel.

TXR185 EACH **£9.99**

F Quiz Teaching Pack

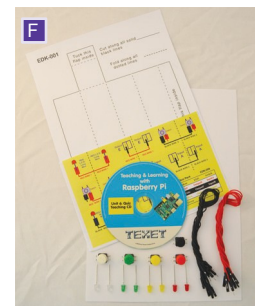
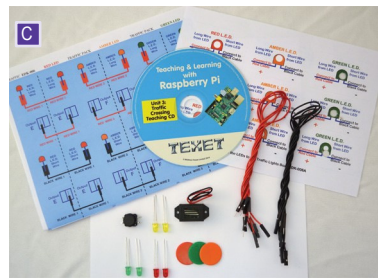
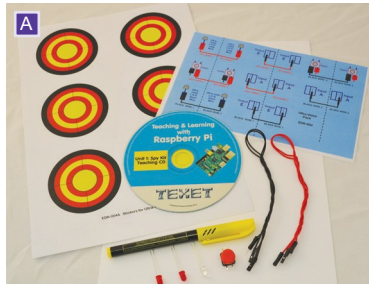
Build a model quiz machine, controlled by variables, so you know who 'buzzed' first when a question is asked.

TXR186 EACH **£9.99**

G Interface Kit

Contains a Pibrella interface, ribbon cable, and an SD Card containing a specially modified educational version of the Pi Operating system. This Interface Kit will work with the Raspberry Pi Model B and Model B+.

TXR187 EACH **£15.61**



Important Information

To use any of the above packs, you will need to make a one-off purchase of an Interface Kit for each Raspberry Pi (Item G).



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