## After-School Clubs

**66** Every child born this century should learn to code!

LIMITED

- Bill Cates

Innovation Pod will be continuing its award-winning, Coding & Robotics and Mad Science clubs here at Handsworth Primary School.



## **MAD SCIENCE**

Children i n Key Stage One will study our thrilling 'Electricity' and 'Weather Whizz Kids' modules.

WWK: this hands-on module will challenge children to build a weather vane, create buildings to withstand natural disasters, learn about clouds, make a 'breeze buddy,' and make an anemometer.

Electricity: through numerous hands-on activities, children will explore static electricity, basic current electricity concepts such as voltage and resistance. They will build a charge detector, simple conductivity testers, build and experiment with simple circuits, and design and build their own series circuit flashlight.

## **CODING AND ROBOTICS**

Children in Key Stage One will study our 'Probots' and 'Animal Coding' modules. In 'Animal Coding', children learn coding in an engaging and rewarding environment that utilises gaming elements to teach programming concepts. Some of the activities also teach text-based coding so children learn to program like a real developer.

Children in Key Stage Two will challenge themselves to two exhilarating modules, 'Code Combat' and Scratch Arcade'. In 'Scratch Arcade' module, children create retro arcade games which they share with children across the world. They consider design aspects and playability as well as solving difficult algorithms.



Please sign up on our website at innovationpod.co.uk or scan the QR code Classes will take place straight after school and will finish at 4:30pm. Clubs cost £5.50 (+VAT) per session. Payment is for the full term via a one-off Direct Debit. This is NOT a recurring payment.

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